## Betradar Virtual Sports

Rules

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7. Virtual Football

### 1.1 How to play

The Virtual Football Modes provide 24/7/365 real money betting experience on virtual football. Competitions are generated continuously and bets can be placed at any time, even within a season. At the moment there are five different Virtual Football modes:

- Virtual Football Bundesliga (VFB)
- Virtual Football League Mode (VFLM)
- Virtual Football Euro League (VFEC)
- Virtual Football World Cup (VFWC)
- Virtual Football Nations Cup (VFNC)
- Virtual Football Asian Cup (VFAS)
- Virtual Football Champions Cup (VFCC)


## Game Structure

Each mode has a different tournament structure:

## Virtual Football Bundesliga VFB \& Virtual Football League Mode VFLM:

- 16 Teams
- Home \& away matches
- 30 match days
- 8 concurrent matches per match day
- 240 matches per season


## Virtual Football World Cup VFWC:

## Group Stage

- 32 Teams (8 groups of 4 teams per group)
- 12 match day chunks ( 3 match days of 4 chunks per match day)
- 4 concurrent matches per match day chunk
- 48 matches per group stage


## Knock-Out-Stage

- 16 Teams
- 5 round (R16[1..4]; R16[5...8]; R8; Semi Finals; Final \& $3^{\text {rd }}$ Place)
- 4 concurrent matches (R16[1..4]; R16[5...8]; R8);

2 concurrent matches (Semi Finals; Final \& 3 ${ }^{\text {rd }}$ Place)

- 16 matches per knock-out-stage

Virtual Football Euro Cup VFEC, Virtual Football Asian Cup VFAS,
Virtual Football Nations Cup VFNC:

## Group Stage

- 24 Teams (6 groups of 4 teams per group)
- 9 match day chunks (3 match days of 3 chunks per match day)
- 4 concurrent matches per match day chunk
- 32 matches per group stage


## Knock-Out-Stage

- 16 Teams
- 5 round (R16[1..4]; R16[5...8]; R8; Semi Finals; Final \& 3 ${ }^{\text {rd }}$ Place)
- 4 concurrent matches (R16[1..4]; R16[5...8]; R8);

2 concurrent matches (Semi Finals; Final \& 3 ${ }^{\text {rd }}$ Place)

- 16 matches per knock-out-stage


## Virtual Football Champions Cup VFCC:

## Group Stage

- 32 Teams (8 groups of 4 teams per group)
- 24 match day chunks ( 6 match days of 4 chunks per match day)
- 4 concurrent matches per match day chunk
- 96 matches per group stage


## Knock-Out-Stage

- 16 Teams
- 9 rounds (R16_Leg 1[1..4]; R16_Leg 1[5...8]; R16_Leg2[1..4]; R16_Leg2 [5..8];R8_Leg

1; R8_Leg 2; Semi Finals Leg1; Semi Finals Leg2; Final \& $3^{\text {rd }}$ Place.

- 4 concurrent matches (R16_Leg1[1..4]; R16_Leg1[5..8]; R16_Leg2[1..4];R16_Leg2[5..8]
- 2 concurrent matches (Semi Finals Leg 1; Semi Final Leg 2; Final \& $3^{\text {rd }}$ Place)
- 30 matches per knock-out-stage


### 1.2 Game Information

Most Virtual Football mode are provided as an online version and a retail version to serve the timing requirements of the different target groups.

In general, all Virtual Football modes share the same match day timings. The only difference is within the timings for the knockout stages for the cup modes (VFEC, VFNC, VFWC, VFAS and VFCC) as they might include overtime and penalty shootouts.

## Duration overview

Virtual Football League Mode VFLM \& Virtual Football Bundesliga VFB:

| VFLM \&VFB Online | Duration |
| :--- | ---: |
| PreSeason | $1: 00 \mathrm{~min}$ |
| MatchDay BetStart Cycle | $0: 50 \mathrm{~min}$ |
| MatchDay BetStop Cycle | $0: 10 \mathrm{~min}$ |
| MatchDay Match Cycle | $2: 10 \mathrm{~min}$ |

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| MatchDay Resulting Cycle | $0: 30 \mathrm{~min}$ |
| :--- | ---: |
| Total Matchday | $3: 40 \mathrm{~min}$ |
| Post Season | $1: 00 \mathrm{~min}$ |
| Whole Season (30 matchdays plus Pre \& Post Season) | $\mathbf{1 1 2 : 0 0} \mathbf{~ m i n}$ |


| VFLM \& VFB Retail | Duration |
| :--- | ---: |
| PreSeason | $1: 00 \mathrm{~min}$ |
| MatchDay BetStart Cycle | $4: 00 \mathrm{~min}$ |
| MatchDay BetStop Cycle | $0: 10 \mathrm{~min}$ |
| MatchDay Match Cycle | $2: 10 \mathrm{~min}$ |
| MatchDay Resulting Cycle | $1: 00 \mathrm{~min}$ |
| Total Matchday | $\mathbf{7 : 2 0} \mathbf{~ m i n}$ |
| Post Season | $\mathbf{1 : 0 0} \mathbf{~ m i n}$ |
| Whole Season (30 matchdays plus Pre \& Post Season) | $\mathbf{2 2 2 : 0 0} \mathbf{~ m i n}$ |

Virtual Football World Cup VFWC:

| VFWC Online | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total GroupStage Matchday | $03: 40 \mathrm{~min}$ |
| Full GroupStage (12 matchdays) | $\mathbf{4 4 : 0 0} \mathbf{~ m i n}$ |
| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $03: 50 \mathrm{~min}$ |
| Full Knock-Out Stage (5 matchdays) | $\mathbf{1 9 : 1 0} \mathbf{~ m i n}$ |
| Post Cup | $01: 00 \mathrm{~min}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $\mathbf{6 6 : 1 0} \mathbf{~ m i n}$ |


| VFWC Retail | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $03: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $01: 00 \mathrm{~min}$ |
| Total GroupStage Matchday | $06: 20 \mathrm{~min}$ |
| Full GroupStage (12 matchdays) | $\mathbf{7 6 : 0 0} \mathbf{~ m i n}$ |

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| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| :--- | ---: |
| Knock-Out Stage MatchDay BetStart Cycle | $03: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $01: 00 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $06: 30 \mathrm{~min}$ |
| Full Knock-Out Stage (5 matchdays) | $\mathbf{3 2 : 3 0} \mathbf{~ m i n}$ |
| Post Cup | $01: 00 \mathrm{~min}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $\mathbf{1 1 1 : 3 0} \mathbf{~ m i n}$ |

Virtual Football Euro Cup VFEC, Virtual Football Asian Cup VFAS, Virtual Football Nations Cup VFNC:

| VFEC, VFNC \& VFAS Online | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total GroupStage Matchday | $03: 40 \mathrm{~min}$ |
| Full GroupStage (9 matchdays) | $\mathbf{3 3 : 0 0} \mathbf{~ m i n}$ |
| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $03: 50 \mathrm{~min}$ |
| Full Knock-Out Stage (5 matchdays) | $\mathbf{1 9 : 1 0} \mathbf{~ m i n}$ |
| Post Cup | $01: 00 \mathrm{~min}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $\mathbf{5 5 : 1 0} \mathbf{~ m i n}$ |


| VFEC Retail (VFAS not available for retail) | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $04: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total GroupStage Matchday | $06: 20 \mathrm{~min}$ |
| Full GroupStage (9 matchdays) | $\mathbf{5 7 : 0 0} \mathbf{~ m i n}$ |
| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Betstart Cycle | $04: 00 \mathrm{~min}$ |


| Knock-Out Stage MatchDay Betstop Cycle | $00: 10 \mathrm{~min}$ |
| :--- | ---: |
| Knock-Out Stage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $06: 30 \mathrm{~min}$ |
| Full Knock-Out Stage (5 matchdays) | $\mathbf{3 2 : 3 0} \mathbf{~ m i n}$ |
| Post Cup | $01: 00 \mathrm{~min}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $\mathbf{9 2 : 3 0} \mathbf{~ m i n}$ |


| VFNC Retail | Duration |
| :--- | ---: |
| PreSeason | $1: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $4: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $0: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $2: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $0: 30 \mathrm{~min}$ |
| Total GroupStage Matchday | $6: 50 \mathrm{~min}$ |
| Full GroupStage (9 matchdays) | $1: 30 \mathrm{~min}$ |
| Group Stage to Knock-Out Stage Transition | $4: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Betstart Cycle | $0: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Betstop Cycle | $2: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $0: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $0: 30 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $\mathbf{7 : 0 0} \mathbf{~ m i n}$ |
| Total Knock-Out Stage MatchDay | $\mathbf{3 5 : 0 0} \mathbf{~ m i n}$ |
| Full Knock-Out Stage (5 matchdays) | $1: 00 \mathrm{~min}$ |
| Post Cup | $\mathbf{9 9 : 3 0} \mathbf{~ m i n}$ |
| Whole Cup (GroupStage + Knock-Out Stage) |  |

Virtual Football Champions Cup VFCC:

| VFCC Online | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total GroupStage Matchday | $03: 40 \mathrm{~min}$ |
| Full GroupStage (24 matchdays) | $88: 00 \mathrm{~min}$ |
| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStart Cycle | $00: 50 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $00: 30 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $03: 50 \mathrm{~min}$ |

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| Full Knock-Out Stage (9 matchdays) | $34: 30 \mathrm{~min}$ |
| :--- | ---: |
| Post Cup | $01: 00 \mathrm{~min}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $125: 30 \mathrm{~min}$ |


| VFCC Retail | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStart Cycle | $03: 00 \mathrm{~min}$ |
| GroupStage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| GroupStage MatchDay Match Cycle | $02: 10 \mathrm{~min}$ |
| GroupStage MatchDay Resulting Cycle | $01: 00 \mathrm{~min}$ |
| Total GroupStage Matchday | $06: 20 \mathrm{~min}$ |
| Full GroupStage (24 matchdays) | $\mathbf{1 5 2 : 0 0} \mathbf{~ m i n}$ |
| Group Stage to Knock-Out Stage Transition | $01: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStart Cycle | $03: 00 \mathrm{~min}$ |
| Knock-Out Stage MatchDay BetStop Cycle | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Match Cycle | $\mathbf{0 2 : 1 0 ~ \mathrm { min }}$ |
| Knock-Out Stage MatchDay Ticker | $00: 10 \mathrm{~min}$ |
| Knock-Out Stage MatchDay Resulting Cycle | $01: 00 \mathrm{~min}$ |
| Total Knock-Out Stage MatchDay | $06: 30 \mathrm{~min}$ |
| Full Knock-Out Stage (9 matchdays) | $\mathbf{5 8 : 3 0} \mathbf{~ m i n}$ |
| Post Cup | $\mathbf{0 1 : 0 0} \mathbf{~ m i n}$ |
| Whole Cup (GroupStage + Knock-Out Stage) | $\mathbf{2 1 3 : 3 0} \mathbf{~ m i n}$ |

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### 1.3 Betting

Betting on a match is allowed up to 10 seconds before kick-off. Outrights will be closed during the runtime of any match. Once a market is decided it'll be cleared and removed from the feed. Betting markets for future match days of the current tournament remain open. When a future match day is selected from the bar at the bottom of the iframe, the matches related to that day, along with the odds, will be displayed in the lower odds section. The following match related betting options are available:

| Betting Market | Description (Possible Outcome) |
| :---: | :---: |
| Match Related Markets |  |
| Full Time 3 Way / 1X2 | Description <br> Select the outcome after 90 minutes - Regular Match Time |
|  | Possible Outcomes: <br> - Home wins <br> - Draw <br> - Away wins |
| 1st Half 3 Way / 1X2 | Description <br> Select the result at halftime |
|  | Possible Outcomes: <br> - Home leads <br> - Draw <br> - Away leads |
| Total Goals | Description <br> Select whether the total number of goals scored in the regular match will be over or under a specified number X |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| Handicap | Description <br> Select the result including the given handicap |
|  | Possible Outcomes: (After handicap has been applied) <br> - Home wins <br> - Draw <br> - Away wins |

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| 1st Goal | Description |
| :---: | :---: |
|  | Select the team that scores the first goal |
|  | Possible Outcomes: <br> - Home <br> - Away <br> - None |
| Correct Score | Description <br> Select the correct score after 90 minutes - Regular Match Time |
|  | Possible Outcomes: |
| Asian Handicap | Description <br> Disabled by default: -2 to 2 are calculated, three most balanced are broadcasted <br> Please view section 1.4 Asian Handicap for more information |
|  | Description <br> Select a combination of outcomes of the markets "1st Half 3 way" and "Full Time 3 way" |
| Combo Half Time 3 Way and Full Time 3 Way | Possible Outcomes: <br> - Home leads at Half Time \& Home wins <br> - Home leads at Half Time \& Draw at Full Time <br> - Home leads at Half Time \& Away wins <br> - Draw at Half Time \& Home wins <br> - Draw at Half Time \& Draw at Full Time <br> - Draw at Half Time \& Home wins <br> - Away leads at Half Time \& Home win <br> - Away leads at Half Time \& Draw at Full Time <br> - Away leads at Half Time \& Away win |
| Double Chance | Description <br> Select two of the possible three outcomes after 90 minutes |

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|  | Possible Outcomes: <br> - Home wins or Draw <br> - Home wins or Away wins <br> - Away wins or Draw |
| :---: | :---: |
| Double Chance Halftime | Description <br> Select two of the possible three outcomes at half time |
|  | Possible Outcomes: <br> - Home wins or Draw <br> - Home wins or Away wins <br> - Away wins or Draw |
| Both Teams to Score | Description <br> Select whether both teams will score in regular match time |
|  | Possible Outcomes: <br> - Yes <br> - No |
| $\frac{\text { Teams to Score (Home }}{\frac{/ \text { Away) }}{}}$ | Description <br> Select whether home or away team will score a goal in regular match time |
|  | Possible Outcomes: <br> - Only Home Team Scores <br> - Only Away Team Scores <br> - Both Teams <br> - Neither Teams |
| Highest Scoring Half | Description <br> Select which half will have the highest number of goals scored in regular match time |
|  | Possible Outcomes: <br> - First Half <br> - Second Half <br> - Equals |
| Team Total Goals | Description <br> Select whether the total number of goals scored in the match by named team will be over or under a specified number $X$ |

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|  | Possible Outcomes: (Applied to either Home or Away) <br> - Under X <br> - Over X |
| :---: | :---: |
| Number of team goals | Description <br> Select the exact number of goals scored by named team (Home or Away) in the match |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - 2 <br> - 3 <br> - $4+$ |
| Number of goals | Description <br> Select the exact number of total goals scored in the match |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - 2 <br> - 3 <br> - 4 <br> - $6+$ |
| Odd/Even Number of Total Goals | Description <br> Select the category of total number of goals scored in match (90 minutes) |
|  | Possible Outcomes: <br> - Odd <br> - Even (applies if no goals are scored) |
| Draw No Bet | Description <br> Select the score after 90 minutes (stake will be refunded in case of draw) |
|  | Possible Outcomes: <br> - Home wins <br> - Away wins |
| 1st Half Totals | Description <br> Select whether the total number of goals scored in the first half will be over or under a specified number $X$ |

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|  | Possible Outcomes: <br> - Over X <br> - Under X |
| :---: | :---: |
| $1{ }^{\text {st }}$ Half Asian Handicap | Description <br> Disabled by default: -2 to 2 are calculated, three most balanced are broadcasted <br> Please view section 1.4 Asian Handicap for more information |
| Asian Total Goals | Description <br> Disabled by default: 0.5 to 5.5 are calculated, three most balanced are broadcasted <br> Please view section 1.4 Asian Handicap for more information |
| $1^{\text {st }}$ Half Asian Total Goals | Description <br> Disabled by default: 0.5 to 5.5 are calculated, three most balanced are broadcasted <br> Please view section 1.4 Asian Handicap for more information |
|  | Description <br> Select a combination of outcomes of the markets "Full Time 3 way" and "Total Goals" |
| Combo Full Time 3 Way and Total Goals | Possible Outcomes: <br> - Home wins \& Over X <br> - Home wins \& Under X <br> - Draw \& Over X <br> - Draw \& Under X <br> - Away wins \& Over X <br> - Away wins \& Under X |

## League Mode - Outright Betting

| Betting Market | Description (Possible Outcome) |
| :---: | :--- |
| Match Day related | Description |
| $\frac{\text { Number of Goals on }}{\text { Match Day }}$ | Select whether the total number of goals scored in the round will be over or <br> under a specified number X |

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|  | Possible Outcomes: <br> - Over X <br> - Under X |
| :---: | :---: |
| Total Goals Home Teams | Description <br> Select whether the total number of goals scored in the round by the home teams will be over or under a specified number $X$ |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| Total Goals Away Teams | Description <br> Select whether the total number of goals scored in the round by the away teams will be over or under a specified number X |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| Most Goals Home Teams or Away Teams | Description <br> Select whether home or away teams will score more goals in the round |
|  | Possible Outcomes: <br> - Home <br> - Away <br> - Draw |
| $\frac{\text { Number Home Team }}{\underline{\text { Wins }}}$ | Description <br> Select whether the total number of home team wins in the round will be over or under a specified number X |
|  | Possible Outcomes: <br> - Over X <br> - Under $X$ |
| Number Draws | Description <br> Select whether the total number of draws in the round will be over or under a specified number $X$ |
|  | Possible Outcomes: <br> - Over X <br> - Under X |

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| Number Away Team Wins | Description |
| :---: | :---: |
|  | Select whether the total number of away team wins in the round will be over or under a specified number $X$ |
|  | Possible Outcomes: |
|  | - Over X |
| League related (markets closed during matches) |  |
| Season Winner | Description |
|  | Select which team will win the league |
|  | Possible Outcomes: |
|  | Initially offered for all participating teams, once a team can't win the league anymore it'll be removed from the offer |
| Top 5 Finisher | Description |
|  | Select whether a team will finish on table position 1, 2, 3, 4, or 5 |
|  | Possible Outcomes: |
|  | - Yes <br> - No |
| Bottom 3 Finisher | Description |
|  | Select whether a team will finish on table position 14, 15, or 16 |
|  | Possible Outcomes: |
|  | - Yes |
| Head to Head | Description |
|  | Select which of two named teams will finish higher on the table at the end of the season (limited to 20 combinations) |
|  | Possible Outcomes: |
|  | - Team 1 |
| Euro Cup, Nations Cup, World Cup, Asian Cup and Champions Cup |  |
| Group Stage (markets closed during matches) |  |
| Cup Winner | Description |
|  | Select which team will win the cup |

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|  | Possible Outcomes: |
| :---: | :---: |
|  | Initially offered for all participating teams; once a team is decided it'll be removed from the offer. |
|  | Description |
| Group winner | Select which team will win the group |
|  | Possible Outcomes: |
|  | Initially offered for all teams within the group; once a team is decided it'll be removed from the offer |
|  | Description |
| Qualify to play offs | Select which team will proceed to the knock out stage |
| Quarry to play | Possible Outcomes: |
|  | Initially offered for all participating teams, once a team is decided it'll be removed from the offer. |
|  | Description |
|  | Select two teams to qualify from their group and pick exact group placing. |
| Exact order 1-2 per group | Possible Outcomes: |
|  | Initially offered for all combinations of participating teams within the groups; Once a combination is decided it'll be removed from the offer |
| Knock Out Stage (market | closed during matches) |
|  | Description |
|  | Select which team will win the cup |
| Cup Winner | Possible Outcomes: |
|  | Initially offered for all participating teams; once a team is eliminated it'll be removed from the offer. |
|  | Description |
|  | Select a team which will reach the final |
| To reach the final | Possible Outcomes: |
|  | Initially offered for all participating teams; once a team is eliminated it'll be removed from the offer. |
|  | Description |
|  | Select two teams to play the final and also select the winner of the match. |
| Exact order 1-2 | Possible Outcomes: |
|  | Initially offered for all combinations of participating teams within the cup; Once a combination is decided it'll be removed from the offer |

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### 1.4 Asian Handicap

Asian handicap betting applies a handicap to the favourite and reduces the possible number of outcomes from three (in traditional 1X2 wagering) to two by eliminating the draw outcome. The handicap, which is either a whole number, a half-number or a mix of those, is trying to balance the market. In the event that a whole number is used for the handicap, the handicap adjusted final score could result in a draw where all bettors have their original wagers returned as there is no winner while quarter ( $1 / 4$ ) handicaps split the bet between the two closest $1 / 2$ intervals where the bettor can win and tie (win $1 / 2$ of wager) or lose and tie (lose $1 / 2$ wager). The stake is automatically divided equally and placed as 2 separate bets.
Please refer to the following examples regarding settlement of bets:

| Handicap | Team result | Bet result | Handicap | Team result | Bet result |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | Win | Win | 0 | Win | Win |
|  | Draw | Stake refund |  | Draw | Stake refund |
|  | Lose | Lose |  | Lose | Lose |
| - 0.25 | Win | Win | + 0.25 | Win | Win |
|  | Draw | Half lose |  | Draw | Half win |
|  | Lose | Lose |  | Lose | Lose |
| - 0.50 | Win | Win | + 0.50 | Win | Win |
|  | Draw | Lose |  | Draw | Win |
|  | Lose | Lose |  | Lose | Lose |
| - 0.75 | Win by $2+$ | Win | + 0.75 | Win | Win |
|  | Win by 1 | Half win |  | Draw | Win |
|  | Draw | Lose |  | Lose by 1 | Half Lose |
|  | Lose | Lose |  | Lose by 2+ | Lose |
| -1.00 | Win by 2+ | Win | +1.00 | Win | Win |
|  | Win by 1 | Stake refund |  | Draw | Win |
|  | Draw | Lose |  | Lose by 1 | Stake refund |
|  | Lose | Lose |  | Lose by $2+$ | Lose |
| - 1.25 | Win by $2+$ | Win | +1.25 | Win | Win |
|  | Win by 1 | Half lose |  | Draw | Win |
|  | Draw | Lose |  | Lose by 1 | Half win |
|  | Lose | Lose |  | Lose by 2+ | Lose |
| - 1.50 | Win by 2+ | Win | + 1.50 | Win | Win |
|  | Win by 1 | Lose |  | Draw | Win |
|  | Draw | Lose |  | Lose by 1 | Win |
|  | Lose | Lose |  | Lose by 2+ | Lose |
| -1.75 | Win by 3+ | Win | +1.75 | Win | Win |
|  | Win by 2 | Half win |  | Draw | Win |
|  | Win by 1 | Lose |  | Lose by 1 | Win |
|  | Draw | Lose |  | Lose by 2 | Half lose |
|  | Lose | Lose |  | Lose by 3+ | Lose |
| -2.00 | Win by 3+ | Win | $+2.00$ | Win | Win |
|  | Win by 2 | Stake refund |  | Draw | Win |
|  | Win by 1 | Lose |  | Lose by 1 | Win |
|  | Draw | Lose |  | Lose by 2 | Stake refund |
|  | Lose | Lose |  | Lose by 3+ | Lose |

driven by facts

### 1.5 Miscellaneous

All matches are broadcast as live video streams through an integrated media player in your browser. You can switch freely between the four available games or alternatively only follow your favorite match. The match simulations are created through a combination of Artificial Intelligence and independent random number generators. Simultaneously, the performance parameters of the players are based on professional football players (e.g. in terms of number of goals, fitness, consecutive match-statistics, etc.).

2. Virtual Basketball League

### 2.1 How to play

The VBL provides 24/7/365 real money betting experience on virtual basketball. The league consists of 16 teams and seasons run continuously. Each season comprises 30 match days (home and away matches). Bets can be placed at any time - even within a season.

Virtual Basketball is provided as an online and a retail version to serve the timing requirements of the different target groups. The differences in timings will be explained in the following chapters.

### 2.2 Game Information

Virtual Basketball is provided as an online version and a retail version to serve the timing requirements of the different target groups.

The general match structure is the same for both versions. It is separated into a 'Pre Match' period, ' $1^{\text {st }}$ Quarter', ' $2^{\text {nd }}$ quarter', 'Half time', ' $3^{\text {rd }}$ quarter', ' $4^{\text {th }}$ quarter', Overtime (if the match result is a draw after the $4^{\text {th }}$ quarter') and 'Post Match' period.

## Duration overview

## Virtual Basketball League VBL:

| VBL Online | Duration |
| :--- | ---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| MatchDay PreMatch | $00: 20 \mathrm{~min}$ |
| MatchDay BetStop | $00: 10 \mathrm{~min}$ |
| MatchDay Match Cycle | $02: 30 \mathrm{~min}$ |
| MatchDay PostMatch | $00: 30 \mathrm{~min}$ |
| Total MatchDay | $\mathbf{0 3 : 3 0} \mathbf{~ m i n}$ |
| Post Season | $00: 30 \mathrm{~min}$ |
| Whole Season (30 matchdays plus Pre \& Post Season) | $\mathbf{1 0 6 : 3 0} \mathbf{~ m i n}$ |


| VBL Retail | Duration |
| :--- | :---: |
| PreSeason | $01: 00 \mathrm{~min}$ |
| MatchDay PreMatch | $04: 00 \mathrm{~min}$ |
| MatchDay BetStop | $00: 10 \mathrm{~min}$ |
| MatchDay Match Cycle | $02: 35 \mathrm{~min}$ |
| MatchDay PostMatch | $01: 00 \mathrm{~min}$ |
| Total MatchDay | $\mathbf{0 7 : 4 5} \mathbf{~ m i n}$ |
| Post Season | $00: 30 \mathrm{~min}$ |
| Whole Season (30 matchdays plus Pre \& Post Season) | $\mathbf{2 3 4 : 0 0} \mathbf{~ m i n}$ |

betradar

### 2.3 Betting

Betting on a VBL match is allowed up to 10 seconds before tip-off. Betting markets for future match days of the current season remain open. When a future match day from the 'Match Day' bar at the bottom is selected, the matches related to that day along with the odds will be displayed in the lower odds section. The following match related betting options are available:

| Betting Market | Description (Possible Outcome) |
| :---: | :---: |
| Match Related Markets |  |
| $\frac{\text { Match Winner, incl. }}{\underline{\text { Overtime }}}$ | Description <br> Select the match winner including overtime |
|  | Possible Outcomes: <br> - Home wins <br> - Away wins |
| $\frac{\text { Total Points, incl. }}{\text { Overtime }}$ | Description <br> Select whether the total number of points scored in the match will be over or under a specified number X |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| Handicap, incl. Overtime | Description <br> Select the winner of the match after adjusting final scores with the selected handicap value |
|  | Possible Outcomes: <br> - Home wins <br> - Away wins |
| Winning Margin, incl. Overtime | Description <br> Select the winning margin between the two teams at the end of match including overtime |
|  | Possible Outcomes: <br> - Home wins with margin 1-5 <br> - Home wins with margin 6-10 <br> - Home wins with margin $>10$ <br> - Away wins with margin 1-5 |


|  | - Away wins with margin 6-10 <br> - Away wins with margin $>10$ |
| :---: | :---: |
| 1st Half Winner | Description <br> Select the team which is in the lead after the first two quarters |
|  | Possible Outcomes: <br> - Home leads <br> - Draw <br> - Away leads |
| 1st Half Total Points | Description <br> Select whether the total number of points scored in the first two quarters will be over or under a specified number $X$ |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| 1st Half Handicap | Description <br> Select the winner of the first two quarters after including handicap points |
|  | Possible Outcomes: <br> - Home wins <br> - Away wins |
| 1st Half Winning Margin | Description <br> Select the points margin between the two teams at the end of two quarters |
|  | Possible Outcomes: <br> - Home leads with margin 1-5 <br> - Home leads with margin 6-10 <br> - Home leads with margin $>10$ <br> - Away leads with margin 1-5 <br> - Away leads with margin 6-10 <br> - Away leads with margin $>10$ <br> - Draw (0) |
| Race To x Points | Description <br> Select which team will reach $X$ points first |
|  | Possible Outcomes: <br> - Home <br> - Away |


| Highest Scoring Quarter | Description <br> Select the quarter that accrues the most points in the match |
| :---: | :---: |
|  | Possible Outcomes: <br> - $1^{\text {st }}$ Quarter <br> - $2^{\text {nd }}$ Quarter <br> - 3rd Quarter <br> - $4^{\text {th }}$ Quarter <br> - Equal <br> (In the case of two or more quarters having identical highest total points, deadheat rules will not apply as the winning outcome is the betting selection "Equal") |
| Home Team Total Points, incl. Overtime | Description <br> Select whether the total number of points scored by the home team in the match will be over or under a specified number $X$ |
|  | Possible Outcomes: <br> - Over X <br> - Under X |
| Away Team Total Points, incl. Overtime | Description <br> Select whether the total number of points scored by the home team in the match will be over or under a specified number $X$ |
|  | Possible Outcomes: <br> - Over X <br> - Under X |

### 2.4 Miscellaneous

All matches are broadcast as live video streams through an integrated media player in your browser. You can switch freely between the eight available games per match day or alternatively only follow your favorite match. The match simulations are created through a combination of Artificial Intelligence and independent random number generators. Simultaneously, the performance parameters of the VBL players are based on professional basketball players (e.g. in terms of number of points, fitness, consecutive match-statistics, etc.).


## 3. Virtual Horses

powered by Kiron

### 3.1 How to play

The VHK provides 24/7/365 real money betting experience on virtual horse races.
Bets can be placed up to 10 seconds prior to the start of the next upcoming race as well as on all future races of the current race days at any time.

### 3.2 Game Information

Races are generated continuously - a new one will be started as soon as the current one has finished. Betting is possible in the next 10 upcoming races.
There are two different configurations dependent on the platform (online, retail):

## Online schedule

- 2 minute total event cycle
- 40 seconds betting phase, 65 seconds event phase, 15 seconds results phase
- 2 grass and 1 dirt track with a 1000 m race randomly scheduled
- $8,10,12,14$ runners randomly assigned


## Retail schedule

- 5 minute event cycle
- 205 seconds - 160 seconds betting phase, 65 seconds -110 seconds event phase, 30 seconds results phase
- 2 grass and 1 dirt track with all available distances ( $1000 \mathrm{~m}, 1600 \mathrm{~m}, 2000 \mathrm{~m}$ ) randomly scheduled
- $8,10,12,14$ runners randomly assigned


### 3.3 Betting

Betting on a VHK race is allowed up to 10 seconds prior to the race start. Betting markets for future races of the current race days remain open. When a future race from 'Race Calendar' is selected, the odds table at the bottom will automatically scroll to the corresponding position. The following race related betting markets are available:

| Betting Market | Description (Possible Outcome) |
| :---: | :---: |
| Win | Description <br> Select the runner which will finish first |
| Place | Description <br> Select the runner which will finish either $1^{\text {st, }}$ and $2^{\text {nd }}$ (7 Runners) Select the runner which will finish either $1^{\text {st, }} 2^{\text {nd }}$ and $3^{\text {rd }}$ ( $7+$ runners) |
| $\frac{\text { Forecast (Correct }}{\underline{\text { Order) }}}$ | Description |


|  | Select the runners that will finish $1^{\text {st }}$ and $2^{\text {nd }}$ in the correct order |
| :--- | :--- |
| Forecast (Any Order) | Description <br> Select the runners that will finish $1^{\text {st }}$ and $2^{\text {nd }}$ in any order |
| Tricast (Correct Order) | Description <br> Select the runners that will finish $1^{\text {st, }} 2^{\text {nd }}$ and $3^{\text {rd }}$ in the correct order |
| $\underline{\text { Tricast (Any Order) }}$ | Description <br> Select the runners that will finish $1^{\text {st, }} 2^{\text {nd }}$ and $3^{\text {rd }}$ in any order |

### 3.4 Miscellaneous

All races are broadcast as live video streams through an integrated media player in your browser. The race simulations are created through a combination of Artificial Intelligence and independent random number generators. The performance parameters of the VHK horses are based on real horses' performance parameters (e.g. in terms of acceleration, speed and endurance consecutive race-statistics, etc.).


4. Virtual Dogs<br>powered by Kiron

### 4.1 How to play

The VDK provides 24/7/365 real money betting experience on virtual dog races.
Bets can be placed up to 10 seconds prior to the start of the next upcoming race as well as on the ten future races at any time.

### 4.2 Game Information

Races are generated continuously - a new one will be started as soon as the current one has finished. There are two different configurations dependent on the platform (online, retail):

## Online schedule

- 2 minute total event cycle
- 37 seconds or 67 seconds betting phase, 38 seconds or 68 seconds event phase, 15 seconds results phase
- night and day track with distance 360 m and 720 m randomly scheduled
- 6 or 8 runners randomly assigned


## Retail schedule

- 4 minute event cycle
- 202 seconds or 142 seconds betting phase, 38 seconds or 68 seconds event phase, 30 seconds results phase
- night and day track with distance 360 m and 720 m randomly scheduled
- 6 or 8 runners randomly assigned


### 4.3 Betting

Betting on a VDK race is allowed up to 10 seconds prior to the race start. Betting markets for future races remain open. When a future race from 'Race Calendar' is selected, the odds table will automatically switch to the corresponding position. The following race related betting markets are available:

| Betting Market | Description |
| :---: | :--- |
| Win | Description <br> Select the runner which will finish first |
| Place | Description <br> Select the runner which will finish either $1^{\text {st }}$ or 2 <br>  <br> Seld (7 Runners) the runner which will finish either $1^{\text {st, }} 2^{\text {nd }}$ and $3^{\text {rd }}(8$ runners) |
| $\underline{\text { Forecast (Correct }}$ | $\underline{\text { Description }}$ |
| Order) | Select the runners that will finish $1^{\text {st }}$ and $2^{\text {nd }}$ in the correct order |


|  |  |
| :--- | :--- |
| Forecast (Any Order) | Description <br> Select the runners that will finish $1^{\text {st }}$ and $2^{\text {nd }}$ in any order |
| Tricast (Correct Order) | Description <br>  <br> Select the runners that will finish $1^{\text {stt }} 2^{\text {nd }}$ and $3^{\text {rd }}$ in the correct order |
| Tricast (Any Order) | Description <br>  |

### 4.4 Miscellaneous

All races are broadcasted as live video streams through an integrated media player in your browser. The race simulations are created through a combination of Artificial Intelligence and independent random number generators. The performance parameters of the VDK dogs are based on real dogs' performance parameters (e.g. in terms of acceleration, speed and endurance consecutive race-statistics, etc.).

5. Virtual Tennis In-Play

### 5.1 How to play

Virtual Tennis In-Play provides a $24 / 7 / 365$ real money betting experience on virtual tennis matches. Competitions are generated continuously and bets can be placed at any time, even within a game on points, games, sets and the whole match.

### 5.2 Game information

Matches are generated continuously - a new one will be started as soon as the current one has finished. There are always four unrelated and asynchronous matches in parallel.

As every match is a live simulated event, there is determined match schedule. The following average timings can be used as a guideline:

- Avg. point duration (event cycle time): 35 seconds
- Avg. 2 sets match: ~ 75 min . / 1400 betting opportunities
- Avg. 3 sets match: $\sim 115 \mathrm{~min}$. 2000 betting opportunities


### 5.3 Betting

Bets can be placed on point, game, set and match events. Once an outcome is decided the settlement process occurs. Betting markets are closed 5 seconds prior to the start of a rally and upon conclusion of the rally, markets will be re-activated. The following betting options are available:

| Betting Market | Description (Possible Outcome) |
| :---: | :---: |
| Point Related Markets |  |
| $\frac{\text { Set X, Game X - Point }}{\underline{\text { X Winner }}}$ | Description <br> Select the winner of the listed point |
|  | Possible Outcomes: <br> - Player A <br> - Player B |
| Game Related Markets |  |
| $\frac{\text { Set X, Game X - }}{\underline{\text { Winner }}}$ | Description <br> Select the winner of the listed game |
|  | Possible Outcomes: <br> - Player A <br> - Player B |



|  | Possible Outcomes: <br> - Player A <br> - Player B |
| :---: | :---: |
| $\underline{\text { Set X - Correct Score }}$ | Description <br> Select the correct score of the listed set |
|  | Possible Outcomes: <br> - Player A - (6-0) <br> - Player B - (0-6) <br> - Player A - (6-1) <br> - Player B - (1-6) <br> - Player A - (6-2) <br> - Player B - (2-6) <br> - Player A - (6-3) <br> - Player B - (3-6) <br> - Player A - (6-4) <br> - Player B - (4-6) <br> - Player A - (7-5) <br> - Player B - (5-7) <br> - Player A - (7-6) <br> - Player B - (6-7) |
| Set X - Total Games | Description <br> Select the total number of games scored in the listed set |
|  |  |
| Match Related Markets |  |
| Match Winner | Description <br> Select the winner of the listed match |
|  | Possible Outcomes: <br> - Player A <br> - Player B |
| Set Betting | Description <br> Select the winner and the score in sets won (best of 3 sets) |


|  | Possible Outcomes: <br> - Player A - (2-0) <br> - Player B - (0-2) <br> - Player A - (2-1) <br> - Player B - (1-2) |
| :---: | :---: |
| Tie Break Markets |  |
| Set X - Tie Break Point Winner | Description <br> Select the winner of the current point in the tie break <br> Possible Outcomes: <br> - Player A <br> - Player B |
| Tie Break - Correct Score | Description <br> Select the final score of the tie break <br> Possible Outcomes: <br> - Player A - (7-0) <br> - Player B - (0-7) <br> - Player A - (7-1) <br> - Player B - (1-7) <br> - Player A - (7-2) <br> - Player B - (2-7) <br> - Player A - (7-3) <br> - Player B - (3-7) <br> - Player A - (7-4) <br> - Player B - (4-7) <br> - Player A - (7-5) <br> - Player B - (5-7) <br> - Player A - (Any other) <br> - Player B - (Any other) |
| Tie Break - Total Points | Description <br> Select the total amount of points accrued in Tie Break from both players <br> Possible Outcomes: <br> - Over 11.5 <br> - Under 11.5 |

### 5.4 Miscellaneous

All matches are broadcast as live video streams through an integrated media player in your browser. You can switch freely between the eight available games per match day or alternatively only follow your favorite match. The match simulations are created through a combination of Artificial Intelligence and independent random number generators. Simultaneously, the performance parameters of the VTI players are based on professional tennis players (e.g. in terms of number of points, fitness, consecutive match-statistics, etc.).

6. Virtual Baseball In-Play

### 6.1 How to play

The Virtual In-Play Baseball provides 24/7/365 real money betting experience on virtual baseball. Competitions are generated continuously and bets can be placed at any time, even within a game on individual pitches, upcoming half-innings including individual batter, innings and the whole game.

### 6.2 Game information

Games are generated continuously - a new one will be started as soon as the current one has finished.

As every game is a live simulated event, there is no determined game schedule. The following average timings can be used as a guideline:

- Avg. pitch duration (event cycle time): ~31 seconds
- Avg. half-inning duration: $\sim 10$ minutes
- Avg. inning duration: ~19 minutes
- Avg. game duration: ~172 minutes

The average game duration mainly depends on the performance of the teams and the score in the $8^{\text {th }} / 9^{\text {th }}$ inning. The game will be continued until it is decided.

In total, a season contains 2100 games and will take an approximated 262 days to complete.
Total Games
15 Home Teams x 14 Away Teams x 2 (NL \& AL) x 5 games = 2100 games
Total Days
$2100 \times 3$ (approx. hours per game) $=\sim 6300$ hours $=262$ days

### 6.3 MLB Disclaimer

The Customer is obliged to follow the MLB guidelines, which read that a general notice must be displayed in any instance where the Virtual Baseball In-Play Services are used.

To make this easy for the customer, Betradar will display an MLB disclaimer for approximately 6 seconds each time a user launches the Virtual Baseball In-Play product. Should the customer provide MLB trademarked material on their website that doesn't contain our video, a general notice must be provided.

This general notice shall be included (i.e., in a reasonable and ordinary location): "Major League Baseball trademarks and copyrights are used with permission of Major League Baseball. Visit MLB.com."

### 6.4 Betting

Betting markets are closed 5 seconds prior to the start of a pitch. Furthermore, bets can be placed on at-bat, half-inning, inning and game level. Once an outcome is decided it should be settled. However, once a pitch is over, markets will be re-activated. A pitch is only counted when the pitcher pitched a ball to the batter. Therefore a pick-off (which can result in a half-inning change or game end) is not counted as pitch.

| Betting Market | Description (Possible Outcome) <br> > All markets include extra innings unless otherwise stated |
| :---: | :---: |
| Match Related Markets |  |
| Result - 1x2 | Description |
|  | Select which team will be leading the game after 9 innings have been completed ( 8.5 innings if the home team is leading) (excludes extra innings) |
|  | Possible Outcomes: |
|  | - Competitor 1 <br> - Draw <br> - Competitor 2 |
| Winner (incl. extra innings) |  |
|  | Select the outright result of the game. Includes extra innings. |
|  | Possible Outcomes: |
|  | - Competitor 1 <br> - Competitor 2 |
| Winner \& Total Runs <br> (incl. extra innings) | Description |
|  | Select outright result of the game and total runs scored in entire game. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: |
|  | - Competitor 1 + under x. 5 runs <br> - Competitor $1+$ over x. 5 runs <br> - Competitor 2 + under x. 5 runs <br> - Competitor 2 + over x. 5 runs |
| $\frac{\text { Handicap (Includes }}{\text { Asian handicap) }}$ | Description |
|  | Select the outright result of the game where the team with a "+" handicap receives a specified number of runs start from the team with a "-" handicap. Includes extra innings. |


|  | Possible Outcomes: <br> - Competitor 1 + hcp <br> - Competitor $2+$ hcp |
| :---: | :---: |
| Winning Margin (incl. extra innings) | Description <br> Select the margin by which the specified team wins the game. Extra innings are included. |
|  | Possible Outcomes: <br> - Competitor 1 by 1 <br> - Competitor 2 by 1 <br> - Competitor 1 by 2 <br> - Competitor 2 by 2 <br> - Competitor 1 by 3+ <br> - Competitor 2 by $3+$ |
| Total Runs (incl. extra innings) | Description <br> Select whether the combined runs scored for each team will be over or under a specified number of runs in entire game. Extra Innings are included. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - Over x. 5 <br> - Under x. 5 |
| $\frac{\text { Competitor1 Total Runs }}{\text { (incl. extra innings) }}$ | Description <br> Pick the total runs scored by the home team in entire game. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - Competitor 1 over x. 5 <br> - Competitor 1 under x. 5 |
| Competitor2 Total Runs (incl. extra innings) | Description <br> Pick the total runs scored by the guest team in entire game. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - Competitor 2 over x. 5 <br> - Competitor 2 under x. 5 |
| Total Hits (incl. extra innings) | Description <br> Select total hits by both teams in entire game. |



| Will there be an extra Inning? | Description |
| :---: | :---: |
|  | Select if there will be any extra innings in the game (in case of a tie at end of 9 innings) |
|  | Possible Outcomes: <br> - Yes <br> - No |
| Competitor1 to bat in 9th Inning? | Description <br> Select whether home team bats in 9th inning after the away team has completed 9 innings. |
|  | Possible Outcomes: <br> - Yes <br> - No |
| When will the Game be decided? | Description <br> Select in which inning the game ends |
|  | Possible Outcomes: <br> - Top of the $9^{\text {th }}$ inning <br> - Bottom of the $9^{\text {th }}$ inning <br> - Any extra inning |
| Run Range (incl. extra innings) | Description <br> Select the total combined runs scored by each team for the entire game. Extra Innings are included. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - 0-4 <br> - 5-6 <br> - 7-8 <br> - 9-10 <br> - 11-13 <br> - $14+$ |
| Odd/Even (incl. extra innings) | Description <br> Select whether the total combined runs scored for each team will be an odd or even number at the end of the game. Extra Innings are included. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - Odd <br> - Even |


|  | Description |
| :---: | :---: |
| $\frac{\text { Team to Win Most }}{\underline{\text { Innings }}}$ | Select which team will win the most innings in a game after 9 innings have been completed (excludes extra innings). For a team to win a innings they must score more runs than the opposing team did in the same innings in the same game. |
|  | Examples: |
|  | Game 1. |
|  | Innings 1 \| $2\|3\| 4\|5\| 6\|7\| 8\|9\|$ |
|  | Away $0\|0\| 0\|0\| 1\|0\| 0\|1\| 1 \mid$ |
|  | Home 3\|0|0|0|2|0|0|0|-| |
|  | Away team scores in the 9th innings but Home team leads after 8.5 innings and does not bat. |
|  | Outcome: Draw |
|  | Game 2. |
|  | Innings 1 \| $2\|3\| 4\|5\| 6\|7\| 8\|9\|$ |
|  | Away $2\|0\| 0\|0\| 1\|0\| 0\|1\| 2 \mid$ |
|  | Home 4\|0|0|0|2|0|0|0|1| |
|  | Away team scores more in the 9th innings but Home team wins match after runner scores in the 9th. |
|  | Outcome: Draw |
|  | Game 3. |
|  | Innings 1 \| $2\|3\| 4\|5\| 6\|7\| 8\|9\|$ |
|  | Away $2\|0\| 1\|0\| 1\|0\| 0\|1\| 0 \mid$ |
|  | Home 3\|0|0|0|2|0|0|0|1| |
|  | Home team wins in the 9th, and wins the 9th innings. |
|  | Outcome: Home |
|  | Possible Outcomes: |
|  | - Competitor 1 |
|  | - Draw <br> - Competitor 2 |
| Team with highest scoring Inning |  |
|  | Description |


|  | Select which team scores the highest number of runs in a single inning within the first 9 innings. A run is counted each time a player reaches home base legally and safely. |
| :---: | :---: |
|  | Possible Outcomes: <br> - Competitor 1 <br> - Draw <br> - Competitor 2 |
|  | Select which innings will have the highest combined number of runs scored in the first 9 innings of the game (excludes extra innings). A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - $1^{\text {st }}$ <br> - $2^{\text {nd }}$ <br> - $3^{\text {rd }}$ <br> - $4^{\text {th }}$ <br> - $5^{\text {th }}$ <br> - $6^{\text {th }}$ <br> - $7^{\text {th }}$ <br> - $8^{\text {th }}$ <br> - $9^{\text {th }}$ <br> - Equal |
| Exact Runs in Highest Scoring Inning | Description <br> Select the exact number of runs in the highest scoring inning (combined Home and Away) within the first 9 innings of the game (excludes extra innings). A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - 2 <br> - 3 <br> - 4 <br> - $5_{+}$ |
| Maximum consecutive Runs by either Team | Description <br> Select the maximum number of consecutive runs achieved by either team (runs scored in succession without the opposition scoring) within the first 9 innings of the game. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - 2 <br> - 3 <br> - 4 <br> - $5_{+}$ |
| Total Scoreless Innings | Description |



|  | Possible Outcomes: <br> - Competitor 1 <br> - Draw <br> - Competitor 2 |
| :---: | :---: |
| Xth Inning - Handicap | Description <br> Select the winner of an individual specified inning where the team with a "+" handicap receives a specified number of runs start from the team with a "-" handicap. For a team to win a innings they must score more runs than the opposing team did in the specified innings in the same game, with the specified handicap applied. |
|  | Possible Outcomes: <br> - Competitor 1 + HCP <br> - Competitor 2 + HCP |
| Xth Inning - Total Hits | Description <br> Select whether the total hits by both teams will be over or under a specified number of hits in an individual specified innings. <br> A hit is scored when the batter bats the ball and reaches a base safe because of a batted fair ball without error by the defense, all runners advance at least the same amount of bases and no Fielder's Choice is signaled by the umpire. |
|  | Possible Outcomes: • Over x.5 - Under x. 5 |
| Xth Inning - Total | Description <br> Select whether the combined runs scored for each team will be over or under a specified number of runs in an individual specified inning. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: • Over x.5 - Under x. 5 |
| $\frac{\text { Xth Inning - Most }}{\text { Strikes }}$ | Description <br> Select the team with the most strikes conceded whilst batting in an individual specified inning |


|  | Possible Outcomes: <br> - Competitor 1 <br> - Draw <br> - Competitor 2 |
| :---: | :---: |
| Xth Inning - Most Balls | Description <br> Select the team with the most balls conceded whilst batting in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 1 <br> - Draw <br> - Competitor 2 |
| Xth Inning - Most Hits | Description <br> Select the team that will have the most hits in an individual inning. A hit is scored when the batter bats the ball and reaches a base safe because of a batted fair ball without error by the defense, all runners advance at least the same amount of bases and no Fielder's Choice is signaled by the umpire. |
|  | Possible Outcomes: <br> - Competitor 1 <br> - Draw <br> - Competitor 2 |
| Xth Inning - Both Teams to Score | Description <br> Select whether both teams will score a run in an individual specified inning. A run is counted each time a player reaches home base legally and safely. |
|  | Possible Outcomes: <br> - Yes <br> - No |
| $\frac{\text { Xth Inning - Exact }}{\text { Home Runs }}$ | Description <br> Select the total number of Home Runs scored by both teams in an individual specified inning. A home run is defined by hits on which the batter successfully touches all four bases, without the contribution of a fielding error. |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - $2+$ |

driven by facts

| $\frac{\text { Xth Inning - Total }}{\text { Pitches }}$ | Description |
| :---: | :---: |
|  | Select whether the total number of pitches completed by both teams will be over or under a specified number in an individual specified inning. A pick-off is not counted as a pitch. |
|  | Possible Outcomes: <br> - Over 24.5 <br> - Under 24.5 |
| Half-inning Related Markets |  |
| Xth Inning - Competitor1 Total Hits | Description <br> Select the number of hits completed by the home team in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 1 over x. 5 <br> - Competitor 1 under x. 5 |
| $\frac{\text { Xth Inning - Competitor2 }}{\text { Total Hits }}$ | Description <br> Select the number of hits completed by the guest team in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 2 over x. 5 <br> - Competitor 2 under x. 5 |
| $\frac{\text { Xth Inning - Competitor1 }}{\text { Total }}$ | Description <br> Select the number of runs completed by the home team in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 1 over x. 5 <br> - Competitor 1 under x. 5 |
| Xth Inning Competitor2 Total | Description <br> Select the number of runs completed by the guest team in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 2 over x. 5 <br> - Competitor 2 under x. 5 |


| Xth Inning - Competitor1 to score | Description |
| :---: | :---: |
|  | Select whether the home team will score a run in an individual specified inning |
|  | Possible Outcomes: <br> - Yes |
| Xth Inning - <br> Competitor2 to score | Description <br> Select whether the guest team will score a run in an individual specified inning |
|  | Possible Outcomes: <br> - Yes <br> - No |
| Xth Inning - <br> Competitor1 exact <br> Home Runs | Description <br> Select the number of runs the home team will score in an individual specified inning |
|  | Possible Outcomes: <br> Competitor 1 <br> - 0 <br> - 1 <br> - 2+ |
| Xth Inning Competitor2 exact Home Runs | Description <br> Select the number of runs the guest team will score in an individual specified inning |
|  | Possible Outcomes: <br> Competitor 2 <br> - 0 <br> - 1 <br> - $2+$ |
| Xth Inning - Competitor Total Pitches thrown | Description <br> Select the number of pitches the home team's pitcher will throw in an individual specified inning |


|  | Possible Outcomes: <br> - Competitor 1 over 12.5 <br> - Competitor 1 under 12.5 |
| :---: | :---: |
| Xth Inning Competitor2 Total Pitches thrown | Description <br> Select the number of pitches the guest team's pitcher will throw in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 2 over 12.5 <br> - Competitor 2 under 12.5 |
| Xth inning Competitor1 exact Strikeouts thrown | Description <br> Select the number of strikeouts the home team's pitcher will throw in an individual specified inning |
|  | Possible Outcomes: <br> - 0 <br> - 1 <br> - 2 <br> - 3 |
| Xth inning Competitor2 exact Strikeouts thrown | Description <br> Select the number of strikeouts the guest team's pitcher will throw in an individual specified inning |
|  | Possible Outcomes:  <br> - 0 - 1 <br> - 2 - 3 |
| Xth Inning - <br> Competitor1 to record a Double or Triple Play | Description <br> Select whether the home team will record a Double or Triple Play in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 1 Yes <br> - Competitor 1 No |


| Xth Inning - <br> Competitor2 to record a <br> Double or Triple Play | Description |
| :---: | :---: |
|  | Select whether the guest team will record a Double or Triple Play in an individual specified inning |
|  | Possible Outcomes: <br> - Competitor 2 Yes <br> - Competitor 2 No |
| Result of $\{\$ p l a y e r\}$ <br> \{!appearancenr\} Time at Bat | Description |
|  | Select a batter (from the first 3 batters of the specified inning) and what their outcome will be when they are next at bat. |
|  | Possible Outcomes: |
|  | - On Base <br> - Home Run <br> - Out |
| Pitch Range of $\{\$$ player $\}$ \{!appearancenr\} Time at Bat | Description |
|  | Select a batter (from the first 3 batters of the specified inning) and the number of pitches they will face when they are next at bat. |
|  | Possible Outcomes: |
|  | - 1-3 <br> - 4-5 |
|  | - 6+ |
| Exact Strikes of \{\$player\} \{lappearancenr\} Time at Bat | Description |
|  | Select a batter (from the first 3 batters of the specified inning) and the number of strikes they will accrue when they are next at bat. |
|  | Possible Outcomes: |
|  | 0 • 1 |
|  | - 2 • 3 |
| Exact Balls of \{\$player\} \{lappearancenr\} Time at Bat | Description |
|  | Select a batter (from the first 3 batters of the specified inning) and the number of balls they will face when they are next at bat. |


|  | Possible Outcomes:  <br> - 0  <br> • 2 - 1 <br> - 4  |
| :---: | :---: |
| Pitch/Bat Related Markets |  |
| Result of Pitch \{!pitchnr\} | Description <br> Select the outcome of the next pitch (pick-off is not counted as a pitch \& foul ball is counted as a strike). If no further pitch occurs the bet will be cancelled. |
|  | Possible Outcomes: <br> - Strike <br> - Ball <br> - Hit <br> - Other |
| Result of Hit \{! $\mathrm{hitnr} \mathrm{\}}$ | Description |
|  | Select the outcome for the next hit by either team in the entire game. <br> A hit is scored when the batter bats the ball and reaches a base safe, all runners advance at least the same number of bases and no Fielder's Choice is signaled by the umpire. |
|  | Possible Outcomes: <br> - Single <br> - Double <br> - Triple <br> - Home Run <br> - No Further Hit |
| Hit on Pitch \{!pitchnr\} | Description |
|  | Select whether a hit will be scored. |
|  | A hit is scored when the batter bats the ball and reaches a base safe, all runners advance at least the same number of bases and no Fielder's Choice is signaled by the umpire. |
|  | Possible Outcomes: <br> - Yes <br> - No |
| Total Speed of Pitch \{!pitchnr\} | Description <br> Select the total speed of the next pitch. If there is no further pitch the bet is cancelled. |

## Possible Outcomes:

- Over x. 5 mph
- Under x. 5 mph


### 6.5 Miscellaneous

Virtual Baseball In-Play uses registered trademarks of the Major League Baseball (MLB). The use of the trademarks is limited to this product and related initiatives like marketing campaign or general advertisement.

Team names and logos are taken from the real MLB. To shorten the overall season duration, the tournament system is simplified. Every team plays each other team from the same league (American League and National League) twice (home and road). Players performances are derived from real players of those teams but the players are replaced using random appearances and different names.

All games are broadcast as live video streams through an integrated media player in your browser. The game simulations are created through a combination of Artificial Intelligence and independent random number generators. Simultaneously, the performance parameters of the VBI players are based on professional baseball players (e.g. in terms of batting average, on base percentage, etc.).

