VSoccer

Game's rules

- the purpose of the game is to make different types of bets on virtual football matches called 'events', you can place bets on a single match or multiple matches, such bets will be contained and detailed in Tickets
- There are 10 events always available on which you can bet, on a single event you can make different types of prediction. Each event is identified by a unique number
- there is a timer during which can be made bets of various types on one or more of the events available at that time, at the Timer expiry is displayed a video showing the highlights of the current match, at the end of the video is shown the result of the match and the Timer restarts from zero to accept new bets and so on for all events available. For every event that ends and get deleted from the event list, there is always a new event created and added to the list
- bets are organized in Ticket, you can play more Ticket at any time, each Ticket contains only one type of bet between the following:

  *1. **Single**: a single prediction of a single event*

  *2. **Multiple**: at least two predictions on various events*

  *3. **System**: all possible combinations of the different predictions*

  *4. **Integral**: combinations of predictions on the same event and on various events*
- In addition, for each Ticket there is the opportunity to participate to the **Jackpot** draw, the amount to participate is 50 cents and the Jackpot draw is made randomly among all played Tickets
- each bet is composed of one or more predictions related to one or more events based on the type of bet, the bets management provides the possibility to make them out until the start of the next event contained in the predictions, once it begins, it will be not possible to make more bets containing predictions on this event
- the odds are related to a **prediction** (eg '1' or 'x' or '1-0') belonging to a **"odds class"** (eg '1x2' or 'Final Result') and always refer to a single event. Regarding the multiple, integral and system bets, the related odds are always generated from the odds classes basis, combining them with each other, to obtain the overall odds, for example a multiple, you must multiply between them, the odds of the single predictions that compose the multiple
- a series of virtual teams take part in different matches, which largely reflect the football values of the real counterparts
- you can bet on multiple events at the same time as long as none of them has already begun, the final result of the Ticket is calculated at the end of the last event (the oldest one) contained in the bet
- Predictions can be grouped into **played games**, these ones are always present in the bets and can contain one or more predictions, a bet is formed by one or more played games and themselves are formed by one or more predictions
- un pronostico è una previsione di un possibile risultato legato ad un evento; infatti ogni pronostico è riferito ad un solo evento ed è formato dalle seguenti informazioni:

  ***- event id:** identifier of the event to which the prediction is reported*

  ***- odds class:** type of prediction (eg 1x2, exact result, etc.)*

  ***- sign:** the prediction of the result (eg 1, 1-0, etc.)*

  ***- odds:** the multiplier of the win*
- the odds classes, ie the type of prediction, are described in the following table:

CLASS	SIGNS	DESCRIPTION
1X2	1, X, 2	Winning team (home/away) or draw
Double Chance	1X,2X,12	Double chance: home team win or draw...
Under/Over 2.5	Under, Over	The total number of goals is less than or higher than 2.5
Final Result	1-0, 2-0, 2-1, 3-0, 3-1, 3-2, 0-1, 0-2, 1-2, 0-3, 1-3, 2-3, 0-0, 1-1, 2-2, 3-3, other	Final result of the match
Total Goals	0, 1, 2, 3, 4, 5, 6, other	Total goals of the match

- a **bet** is formed by a set of predictions, all the predictions that compose a single bet refer to events different from each other
- the amount is the sum, expressed in euro, bet on a single played game
- the bets of single and multiple type are constituted by a single bet while the bets of integral and system type consists of two or more bets
- for the bets of single and multiple type the amount of the played game corresponds with the total amount of the bet, while for the bets of integral and system type the total bet amount is given by the sum of the amounts of the bets that compose it
- The odds of a bet is obtained by multiplying between them the odds of the single predictions that compose the bet, to obtain the amount won with a winning hand, it is necessary to multiply the odds of the bet for the amount
- the **single** is the simplest type of bet, it consists of a single bet, in which there is only a prediction relating to any of the available events in the event list. The odds of the prediction coincides with the odds of the bet, to win the bet, the prediction have to result as winner. The amount won is given by multiplying the amount for the odds of the played game
- a **multiple** bet is constituted by a single played game, within which are contained two or more predictions relating to different events. The odds of the bet is given by the multiplication of the odds of the predictions contained in it, to win the bet, all the predictions that compose the be should be winning. The total amount of the bet corresponds with the amount of the played game, the winning of the bet is calculated by multiplying the total amount for the odds of the played game
- a bet is of **integral** type if there are at least two predictions for the same event. The integral is different from the single and the multiple, because it contains predictions for the same event and because it is always composed of more than one bet. Once you have chosen the predictions of an integral bet, the bets that compose it are generated automatically by the System in the way to obtain <u>all the combinations of predictions within which there are only predictions relating to different events.</u> Each generated combination corresponds to a different bet, the odds of this bet is given by the multiplication of the odds of the predictions that compose it. Each bet has the same amount and the sum of these amounts is the total amount of the bet, the winning of the bet is given by the sum of the winnings of the bets that compose it, so it can happen that in a integral bet there are some winning and non-winning bets
- <u>a system can be created only if the predictions of the bet are related to different events</u>, in fact in this case it is always possible to choose whether to create a multiple bet or a system. To create a system (or a multiple) it is, however, necessary that there are at least two predictions in the bet obviously related to different events. Once you have chosen the predictions, the system automatically

generates all the possible combinations of predictions between them, both individually and in pairs or triple, and so on:

- single combination: *it is formed by one prediction*
- double combination: *it is formed by two predictions*
- triple combination: *it is formed by three predictios*
- quadruple combination: *it is formed by four predictions*
...
Each generated predictions combination corresponds to a played game. As with other types of bet, a played game has as odds, the factor of the predictions odds that compose it. In the case of systems can be bet different amounts depending on the type of combination that is within the played game, for example you can bet 1.00 euro all the single combinations, bet 1.50 euro on double combinations, bet 0.50 euro on triple combinations and so on. the total amount of the bet is the sum of the amounts of every single bet that compose the system. Regarding the winning, also in the system can be winning bets and non-winning bets, the sum of the winnings of each bet is the total win of the system

- at the top of the game interface, as shown in the figure above, there is the amount of the Jackpot and next to it there is the clock

- in the central part are displayed all available events, the information provided are:
  - start time of the virtual match
  - involved teams
  - relative odds to the odds class 1x2

- at the bottom of the interface is displayed on the left side, the bets Timer for the next event (the one that will be shown in the video of the match), also displayed at the bottom are the odds of all available predictions

- on the right side of the interface there is the “Completed Matches” window, which shows the final result of the last completed events (they are the previous events that have been calculated and eliminated from the list of available events)