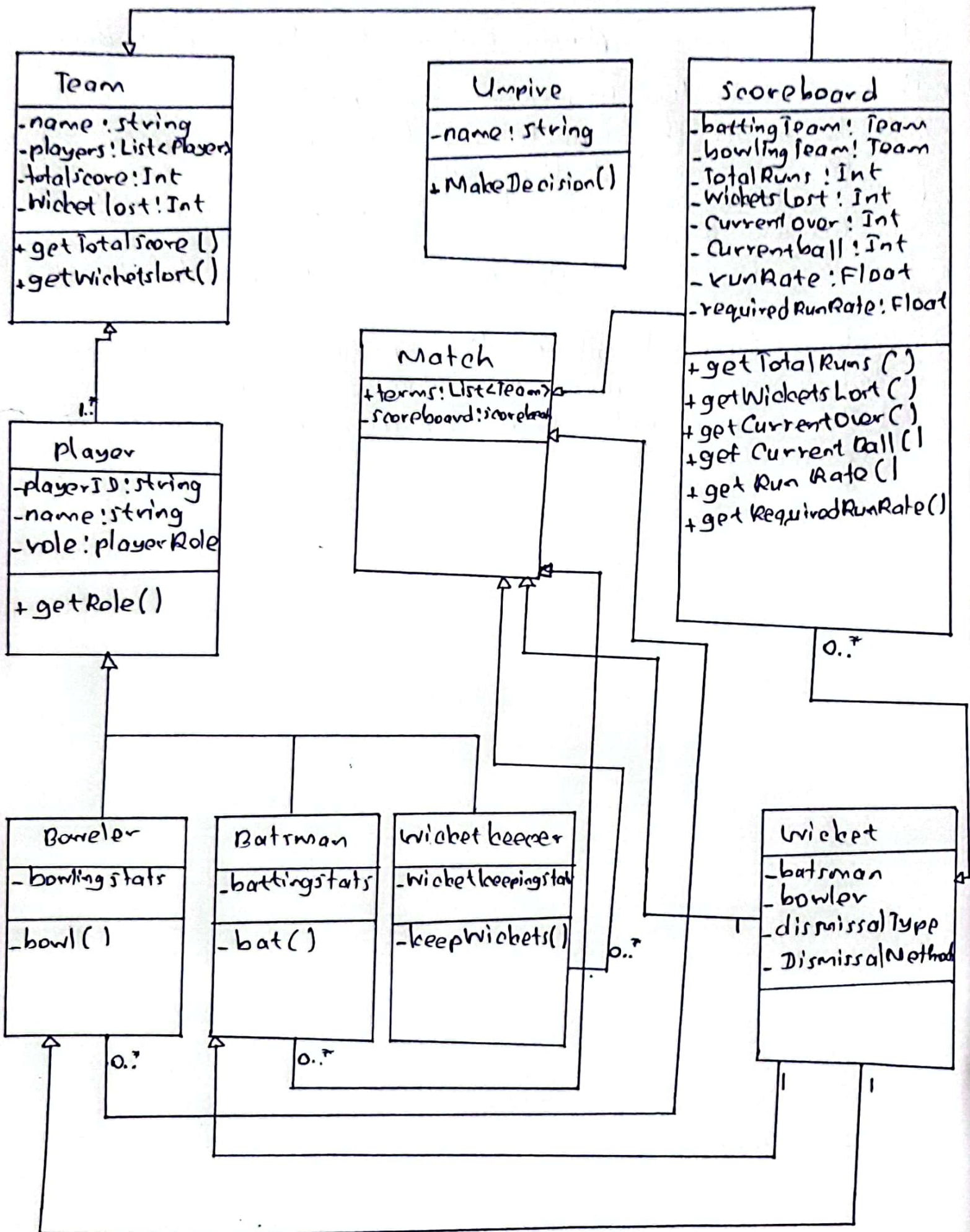


# Class Diagram for Cricket Scoreboard



## Assumptions

- \* The cricket game is played between two teams of 11 players each.
- \* There are only two umpires in the ground.
- \* A bowler bowls the ball to the batsman on opposite wicket and batsman can hit the ball.
- \* batsman should not cover the ball with his legs which can hit the wicket.
- \* Team members are batsman, wicket keeper, bowler or having multiple roles.
- \* Scoreboard keeps track of the game's current state, including scores, wickets, run rates and required run rate.
- \* All the general rules that are used in Cricket should be considered.