

## Pre-submission Report:

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### IPL Cricket Tournament Scheduler

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The IPL Cricket Tournament Scheduler project is aimed at preparing the schedule of a cricket tournament after inputting the number of teams, team names, and dates. The project can map two teams to each day and display the schedule, and save it in a file. It can also manage the number of teams and their names. While it is possible to include the team player names, it is not mandatory. The assumption is that the teams have already been created, and you have their names and dates.

The project consists of the following modules:

**Display the names of all the teams and their players:** This module is responsible for displaying the names of all the teams and their players. It retrieves the team and player information from the input file and displays it on the screen.

**Add a team to the tournament:** This module allows the user to add a new team to the tournament. The user inputs the team name, and if required, the names of its players. The team information is saved to the input file.

**Delete and update the team details:** This module is responsible for deleting or updating the team details. The user can select a team and choose to delete it or update its details, such as its name or player names.

**Generate the schedule:** This module is the core functionality of the project. It generates the schedule for the tournament by mapping two teams to each day. The schedule is displayed on the screen and saved to a file.

**Update the schedule:** This module allows the user to update the schedule if required. The user can select a day and choose to update the teams playing on that day.

## Input and Output

The IPL Cricket Tournament Scheduler project requires input from the user, such as the number of teams, team names, and player names. You may choose to use command-line arguments or a graphical user interface (GUI) to obtain user input.

You will also need to output the schedule to the user, either on the command line or through a GUI. Additionally, you will need to save the schedule to a file, such as a text file or CSV file.

Overall, the IPL Cricket Tournament Scheduler project provides an efficient way to prepare and manage the schedule of a cricket tournament. With its simple user interface and functionality, it is an ideal solution for cricket enthusiasts and event organizers alike.