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## Web Application Frameworks

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### Assignment # 2

**Deadline: 24<sup>th</sup> December 2024 before 15:25**

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**Note:** This is an individual assignment. Name your zip file as WAF-A2-YourName.zip/rar. Submit your assignment in fs folder “WAF- F24-A2”. Cheating will be penalized. There is zero tolerance for cheating. Please follow the deadline. Submit it before the deadline. The deadline will not be extended. Please start from day 1.

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Create a NodeJS-based (express framework) cricket dashboard application where users can check out details about series, matches, and players.

You will create 5 web pages for the application.

1. **Homepage:** Showing the details of recent events (abstract).
2. **Score Board:** Showing the score status/details of the recent events (detailed).
3. **Series Info:** Recently planned series
4. **Teams:** Details of the teams from the ICC Men's T20 World Cup final
5. Each player's name from the data in point 4 should be clickable and will show the player's information on a separate web page.
6. **Search Player:** Users can also search for a player by their name. Validate whenever you take input from the user.

Use the EJS (Embedded JavaScript) template engine to construct HTML responses from the server. Also, consider MongoDB and connect to the MongoDB database remotely and locally. Fetch data and insert it into relevant database collections. Use router to manage different routes. Use MVC design pattern architecture.

You can use <https://cricketdata.org/> API (or any other) to obtain cricket data for your application.