IPL Player Stats App - Full Project + Code + API Collection

Project Overview

This PDF provides a complete guide to building an IPL Player Stats App using Java and Spring Boot. It includes project structure, API endpoints, database configuration, and testing steps.

Project Folder Structure

ipl-player-stats-app
src/controller/PlayerController.java
src/service/PlayerService.java
src/repository/PlayerRepository.java
src/model/Player.java
resources/application.properties
pom.xml

API Endpoints

Method	Endpoint	Description
GET	/players	Get all players
GET	/players/top-scorers	Top run scorers
GET	/players/best-bowlers	Best bowlers
GET	/players/team/{team}	Team players
GET	/players/{id}	Player by ID

application.properties Example

spring.datasource.url=jdbc:mysql://localhost:3306/iplstats
spring.datasource.username=root
spring.datasource.password=1234
spring.jpa.hibernate.ddl-auto=update

Sample Player JSON

{
"name": "Virat Kohli",
"team": "RCB",
"matches": 237,
"runs": 7263,

```
  "wickets": 4
}
```