Sports Event Management System



Presented by:



- Siddhant Vakhariya
- Kartik Pawade
- Kanchan Pawade



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Introduction

The Sports Event Management, is a Portal that manages the creation and management of a sports event.

It makes easier to maintain the different aspects of a sport event. The system will take care of all the servicing activity in a quick manner.

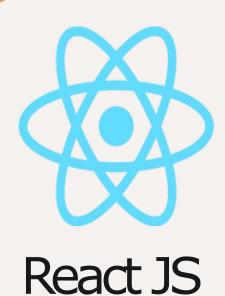
Objective

- It will be able to check anything related to sports at any time.
- Handle the affairs of sports efficiently.
- It provides functionalities like creating events for various sports, request for participation, etc.

Purpose of System

- It provide details how this system manages the activity of much sport at a time.
- Data storing is easier.
- It will consume less amount of time as it is based on automatic system.
- Provide information and manage the system regarding sport events of the university.

Technology & Tools









SpringBoot

H2

Core Java





Other Techechnology

- Microservice Architecture
- Eureka service
- JWT
- Spring boot cloud api gateway
- Docker

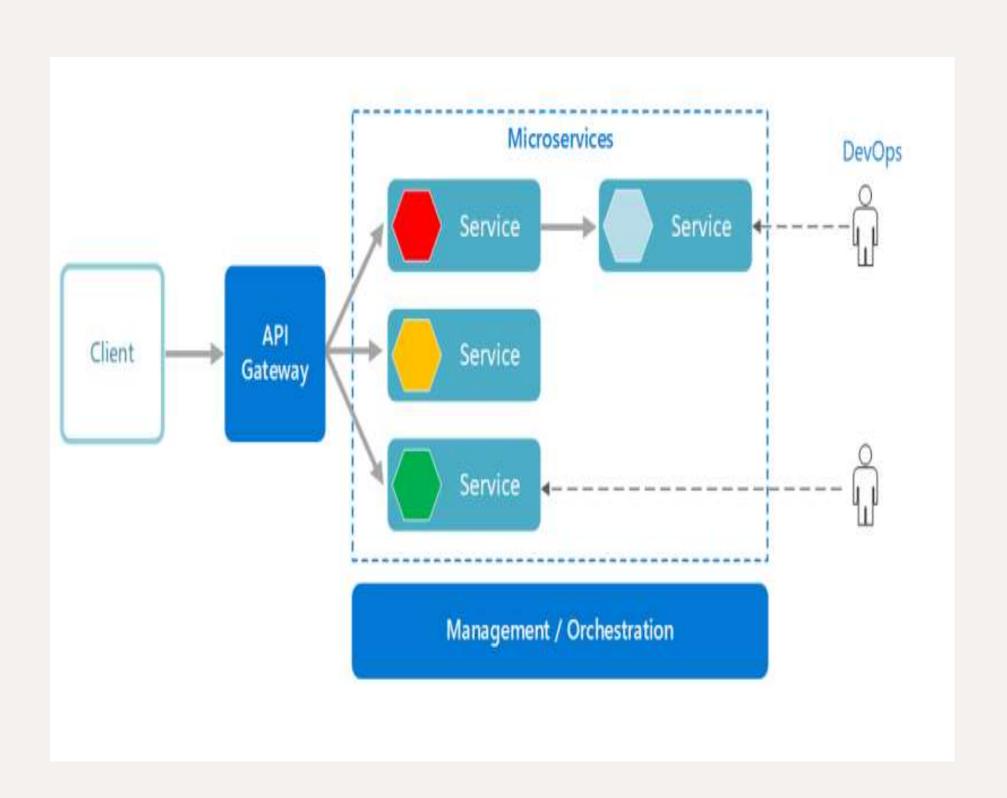
Software Requirement

- Spring Tool Suite or Eclipse
- Maven
- Postman Client in Chrome
- Visual studio
- H2 Database

Structure

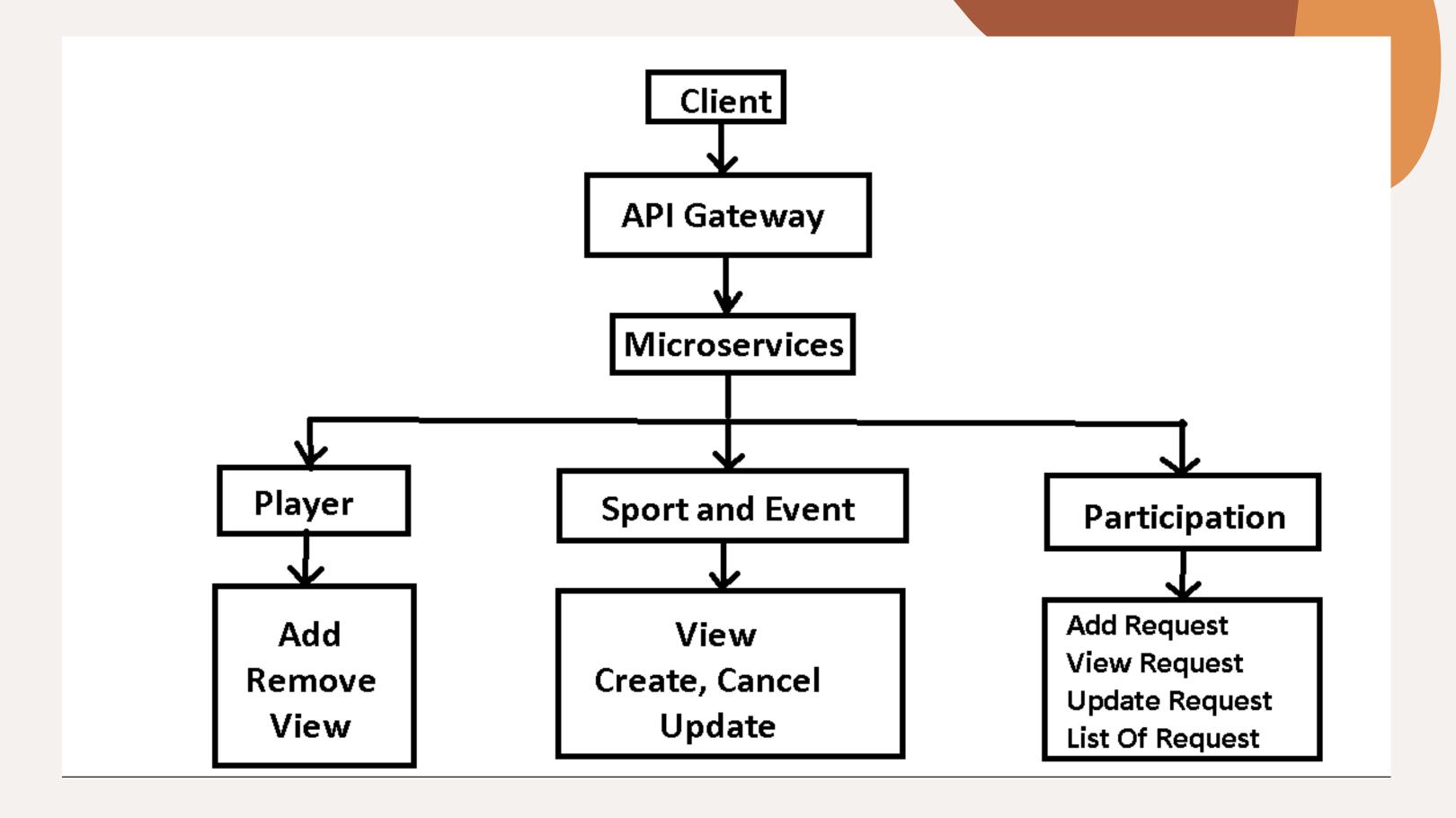
Backend	Frontend					
Project Explorer ×	→ SPORTSEVENTFRONTEND					
> 👺 > api-gateway [boot] [MFTE master]	■ logo512.png					
> 👺 > eureka (in Eureka-Service) [boot] [MFTE master]	{} manifest.json					
> 🚟 > participationService [boot] [MFTE master]	≡ robots.txt					
> playerService [boot] [devtools] [MFTE master]	> node_modules					
→	> public					
> 🚜 com.managementSystem.controller	✓ src					
> 🚜 > com.managementSystem.createPlayer	✓ components					
> 🖶 com.managementSystem.entity	⇔ AddEventComponent.jsx					
> 🚜 com.managementSystem.exception						
> 🚜 com.managementSystem.PlayerApplication	⇔ AddPlayerComponent.jsx					
> 🖶 com.managementSystem.playerResponse						
> 🖶 com.managementSystem.repository	ListDeclinedParticipationComponent.jsx					
> 🚜 > com.managementSystem.service						
# 2 src/main/resources	ListParticipationComponent.jsx					
🗁 static						
🗁 templates	⇔ ListPlayersComponent.jsx					
🚜 > application.properties						
> 👛 src/test/java	☼ UpdateParticipationStatusComponent.jsx					
> Marcon JRE System Library [JavaSE-18]	⇔ ViewEventComponent.jsx					
> 🚵 Maven Dependencies	⇔ ViewSportsComponent.jsx					
> 🅭 target/generated-sources/annotations	> Layout					
> 🅭 target/generated-test-sources/test-annotations	✓ Pages					
> 👼 > src	JS Home.js					
> 🗁 target	JS Login.js					
HELP.md	JS SignUp.js					
mvnw	✓ services					
mvnw.cmd	JS AuthService.js					
▶ pom.xml	JS ParticipationService.js					
✓	JS PlayerService.js					
✓ src/main/java	JS SportsEventService.js					
> # > com.managementSystem	> OUTLINE					
> 📠 com.managementSystem.controller	> TIMELINE					
> A com.managementSystem.createRequest	> NPM SCRIPTS					

Microservices Structure

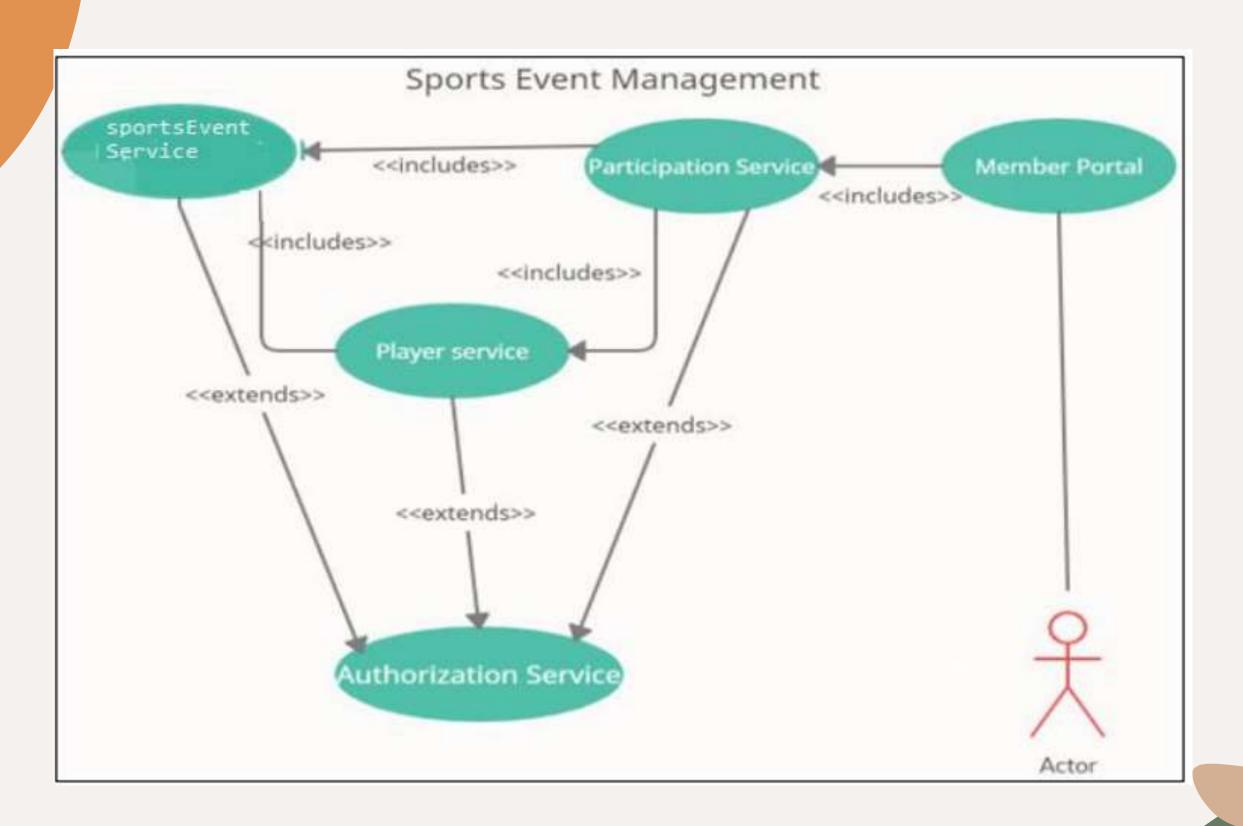


- Microservice architecture are rather than monolithic.
- Microservice is used with anonymous access to generate jwt.

Flow Diagram



Use Case Diagram





Sports and Events

Players

Participation

Module

- Player
- Sport & Event
- Participation

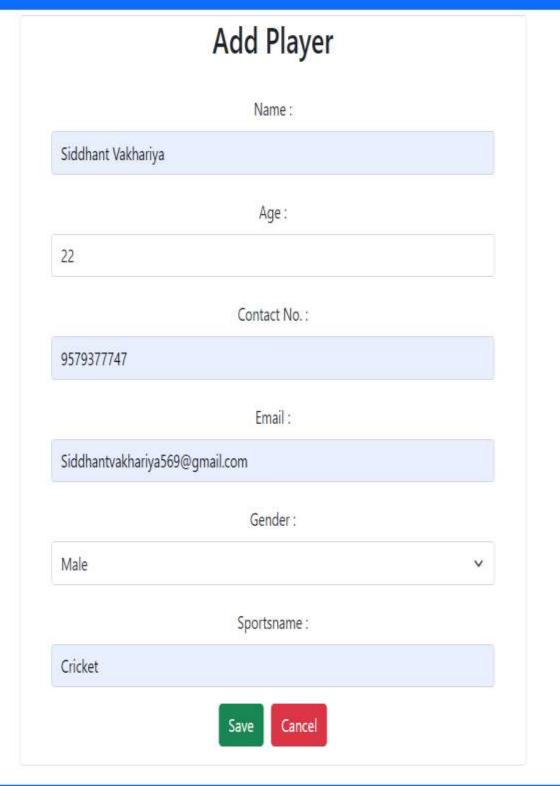
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Player

- Add the Player
- Remove the Player
- View all the Player

Sports Event Managment System

Home



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Players

Sports Event Managment System

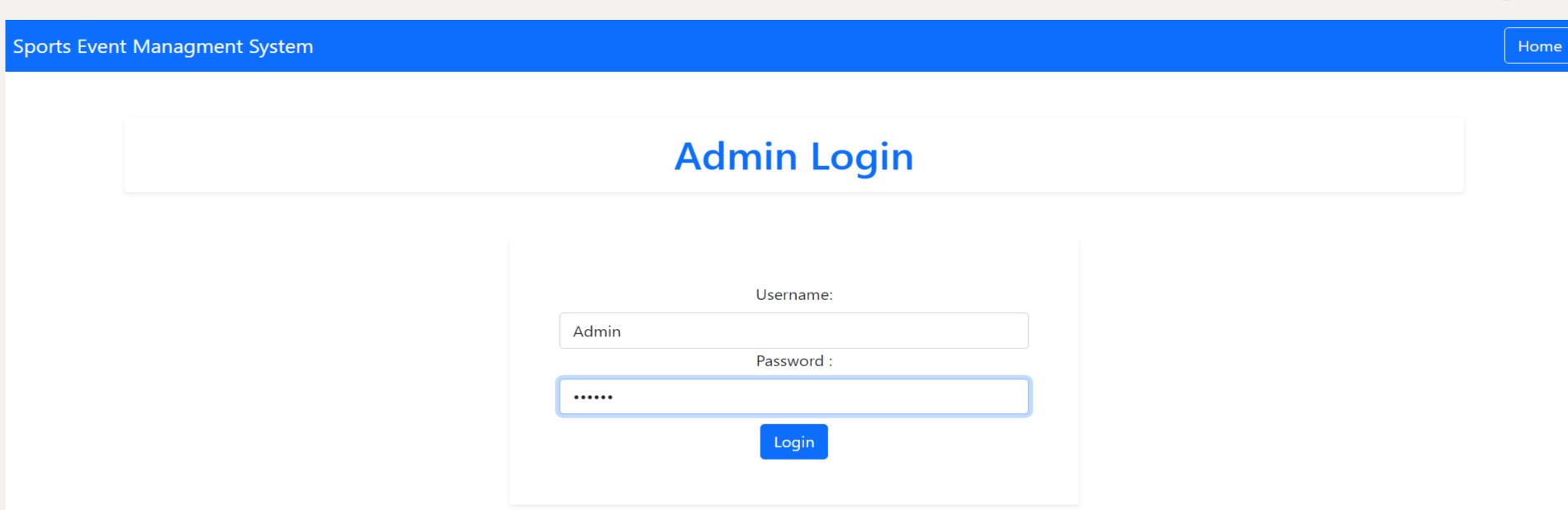
Home

Players List

Add Player

Id	Name	Age	Contact	Email	Gender	Sportsname	Actions
3	Siddhant Vakhariya	22	9579377747	Siddhantvakhariya569@gmail.com	Male	Cricket	Delete
4	Prashik	21	9860453566	Prashik@gmail.com	Male	Chess	Delete
5	Kartik	25	9865473890	Kartik@gmail.com	Male	Carrom	Delete

It allows admin to login



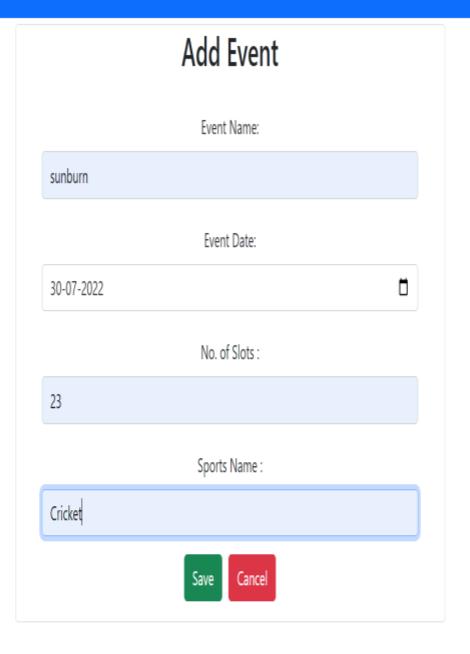
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Sport & Event

- View all the Sports
- create the events
- update and cancel the events
- View all Events

Sports Event Managment System





Sports List

Sports Event Managment System

Home

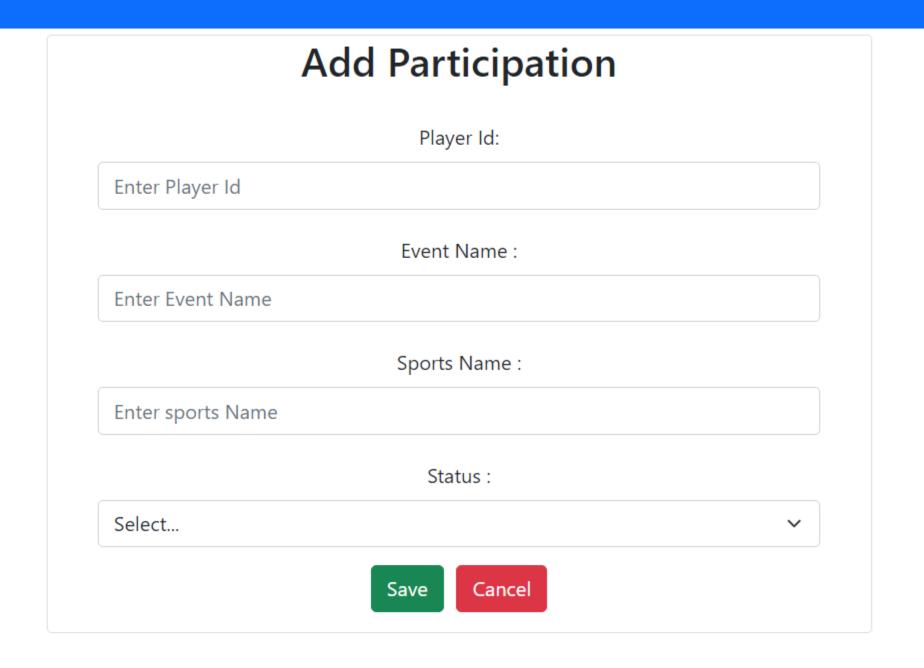
Sports List

Sports Id	No. of Players	Sports Name	Sports Type	Actions
1001	2	Chess	Indoor	View
1002	2	Carrom	Indoor	View
1003	22	Cricket	Outdoor	View
1004	22	Hockey	Outdoor	View

Events Mangemnt

Participation

- Request for the participation
- View the participation Request
- Update the participation status
- List the participation request based on approved/ declined /pending status separately



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List participations

Add participation

Select...

Check participation

Participation Id	Player Id	Player Name	Event Id	Event Name	Sports Id	Sports Name	Status	Actions
1	1		1	sunburn	1003	Cricket	Approved	Update Status
2	1		3	Sunrise	1001	Chess	Declined	Update Status

Features

- Planning an event.
- No data loss.
- Management and control.
- No manual file requires for handling the data.
- Overcomes the dependency of a single person handling all the activities.

Future Aspects

- Online or digital processes
- Time consummation
- Tedious process
- Easy to access anytime at any where

