**Development of Event Finder (React App)**

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**GIT URL :**

The progress of the project is hosted at github repository below:

<https://github.com/bujikun/java-fsd-newtonbujiku-bujikun-vodacom.co.tz>

Under the Phase 4b directory

**SPECIFICATION**

This is an application with 2 parts:

1. Front-End written using ReactJS and Redux Toolkit
2. Backend using json server

**TECHNOLOGIES & CONCEPTS**

This application uses the following concepts and technologies

* React JS 18
* Redux Toolkit
* Material UI React Library
* IntelliJ Idea
* Git & Github
* Agile Scrum Framework

**PROJECT IMPLEMENTATION**

The project was completed in 2 sprints:

**Sprint 1**

The following were achieved in this designing sprint:

* Determining React concepts to be used
* Defining project scope and structure
* Preparing remote repository
* Sprint planning and review

**Sprint 2 (Building Application Features)**

The following were done in this sprint including scrum ceremonies and user stories:

* Sprint Planning
* User to be able to register
* User to be able to log in
* User to be able to create events after logging in
* User to be able to view events
* User to be able to delete events

**How run the program.**

**The application requires MySQL Server**

1. Open the project using terminal
2. Run **json-server -w db.json -p 4000**
3. The front end expects the json-server to be running on port 4000
4. Then run the following command to start the front end app

**npm install & npm run preview**

**Initial Application State**

The frontend react app was created using vite and running npm run preview will make it launch on port 4173 (<http://localhost:4173>)

**The screenshot.pdf** file has all the screenshots depicting the execution of the application step by step.