

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.