

# Project Documentation

**Project Title:** A Smart Data Table Using React

**Date:** 9/6/2022 – 10/6/2022

**Project Manager:** Md. Sujan

## **Phase-01: Initiation**

**Project Proposal:** The project is about the creation of a smart data table using react. For creating the data table API is used. The app fetches data and shows them in a table. The table data is paginated and, on every page, the user can display data as his/her wish. Users can display 10, 15, 20, or 25 data. The data can also display and show in asemanctic order. Users can also search and move data from one page to another.

**Project Charter:** Project is done by only one member – Md. Sujan.

### **Key Actions:**

- Fetch data
- Choose API
- Implementing Search data option
- Implementing the Move data option
- Pagination
- Data filtering
- Creating Table

## **Phase-02: Planning**

**Project Management Plan:** There are many milestones in this project. Milestones are:

- **Milestone - 01:** Choose API
- **Milestone - 02:** Fetch data
- **Milestone - 03:** Pagination
- **Milestone - 04:** Data filtering
- **Milestone - 05:** Implementing Search and Move data option
- **Milestone - 06:** Creating Table
- **Milestone - 07:** Check Everything

### **Project Schedule:**

- **Milestone - 01:** Choose API – 60 min
- **Milestone - 02:** Fetch data - 40 min
- **Milestone - 03:** Pagination – 60 min
- **Milestone - 04:** Data filtering – 80 min
- **Milestone - 05:** Implementing Search and Move data option – 40 min
- **Milestone - 06:** Creating Table – 30 min
- **Milestone - 07:** Check Everything – 40 min

**Financial Plan:** At present, the project did not need any financial support.

### Phase-03: Execution

**Risk and Issues Log:** The main risk and log issues are:

- Fetch data
- Choose API
- Implementing Search data option
- Implementing the Move data option
- Pagination
- Data filtering
- Creating Table

**Project Status Report:** As the project has one member so the project report is done and corrected by me and also the project status is updated after completing one feature successfully.

**Project Communication Plan:** As the project has one member so the project member did not need to communicate with anyone. After completing one feature successfully, the project report is updated.

### Phase-04: Control

**Change Management:** Project activities and the working way was changed many times and after completing one feature successfully, the project report was updated. All the changes and progress were updated from time to time.

### Phase-05: Conclusion

**Project Review Document:** Final Report, reflections, typing of loose ends and format of closure, live link, GitHub link, submission was checked.