**Full Stack Development with MERN**

**Frontend Development Report**

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| --- | --- |
| Date |  |
| Team ID |  |
| Project Name |  |
| Maximum Marks |  |

**Project Title: [Your Project Title]**

Date: [Date of Report]

Prepared by: [Your Name or Team Name]

**Objective**

The objective of this report is to document the frontend development progress and key aspects of the user interface implementation for the [Your Project Title] project.

**Technologies Used**

* **Frontend Framework:** React.js
* **State Management:** [Redux/Context API, if applicable]
* **UI Framework/Libraries:** [e.g., Material-UI, Bootstrap]
* **API Libraries:** [e.g., Axios]

**Project Structure**

Give Screenshot of Frontend Project with explanation

**Key Components**

1. **App.js**
   * Responsible for routing and main application layout.
2. **/components**
   * Contains reusable UI components used across the application.
3. **/pages**
   * Includes different pages for Web App.

**Routing**

Routing is managed using React Router. Here are the main routes:

* **/home** - Landing page of the application.
* **/dashboard** - Dashboard displaying user data and statistics.
* **/profile** - User profile management.

**State Management (If Applicable)**

State management is achieved using [Redux/Context API].

**Integration with Backend**

The frontend communicates with the backend APIs hosted on [backend URL]. Key endpoints include:

* **GET /api/data** - Retrieves data for display.
* **POST /api/user/login** - Handles user authentication.

**User Interface (UI) Design**

* The UI design follows a [describe design principles].
* Implemented using [UI framework/library].

**Third-Party Integrations (If any)**

* [List any third-party libraries or services integrated].