**Full Stack Development with MERN Project Documentation format**

# 1. Introduction

* **Project Title:** [online complaint]
* **Team Members:** List team members and their roles.

# 2. Project Overview

* **Purpose:** Briefly describe the purpose and goals of the project.
* **Features:** Highlight key features and functionalities.

# 3. Architecture

* **Frontend:** Describe the frontend architecture using React.
* **Backend:** Outline the backend architecture using Node.js and Express.js.
* **Database:** Detail the database schema and interactions with MongoDB.

# 4. Setup Instructions

* **Prerequisites:** List software dependencies (e.g., Node.js, MongoDB).
* **Installation:** Step-by-step guide to clone, install dependencies, and set up the environment variables.

# 5. Folder Structure

* **Client:** Describe the structure of the React frontend.
* **Server:** Explain the organization of the Node.js backend.

# 6. Running the Application

• Provide commands to start the frontend and backend servers locally.

o **Frontend:** npm start in the client directory. o **Backend:** npm start in the server directory.

# 7. API Documentation

* Document all endpoints exposed by the backend.
* Include request methods, parameters, and example responses.

# 8. Authentication

* Explain how authentication and authorization are handled in the project.
* Include details about tokens, sessions, or any other methods used.

1. **User Interface** 
   * Provide screenshots or GIFs showcasing different UI features.
2. **Testing** 
   * Describe the testing strategy and tools used.
3. **Screenshots or Demo** 
   * Provide screenshots or a link to a demo to showcase the application.
4. **Known Issues** 
   * Document any known bugs or issues that users or developers should be aware of.

# 13. Future Enhancements

• Outline potential future features or improvements that could be made to the project.