**Project Requirement Document**

Project Title: Comprehensive Project Management Platform

**Overview:**

Develop a web-based platform designed to manage projects, assignments, and team collaborations efficiently. It includes features like user registration, login, a comprehensive dashboard, chat/inbox functionality, project management, assignment tracking, and transaction monitoring.

**Objectives:**

* Provide an intuitive user interface for project and assignment management.
* Ensure secure and efficient user registration and login processes.
* Facilitate team collaboration through chat and notifications.
* Streamline project management, from assignment allocation to completion.
* Offer detailed tracking and reporting of transactions related to projects and assignments.

**Functional Requirements:**

1. User Registration:

* Multi-step form for collecting personal information, address, contact details, and authentication (OTP, captcha).

1. User Login:

* Secure login process with email/mobile and password.
* Two-factor authentication with OTP.

1. Dashboard/Home:

* Display notifications, pending assignments, and enrolled projects.

1. Inbox (Chatting & Notifications):

* Messaging functionality similar to Gmail.
* Recruitment of team members through chat.

1. Assignments:

* Categorization of assignments into all, due, and completed.

1. Projects:

* Tools for searching, sorting, and filtering projects.
* Ability to view and accept public project invites.

1. Manage Projects:

* Comprehensive project and team management tools.
* Functionality to manage team members, assign work, review progress, and handle payments.

1. Transactions:

* Detailed transaction history with search, sort, and filter tools.

1. Additional Features:

* AI chatbot for navigation and assistance.
* Contact Us and Report functionalities.

**Non-Functional Requirements:**

* Security: Ensure all user data is securely handled with encryption.
* Performance: The platform should load quickly and handle high volumes of data efficiently.
* Scalability: The architecture should support future enhancements and increased user base.
* Usability: The interface should be user-friendly and intuitive.