



Balqa Applied University – Center
IT – Software Engineer Department

SYNCHAND

WEB APPLICATION

Smart and modular way to manage your
projects in synchronous procedures.



About Us



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Sync Hand

Synchronous ← *Hand*

This project name means the project vision, where we mean synchronous operations that are provided through executing the project, also based on collaborations between the team members on the one hand!

Project Features

- **Project Tracking:** This enables users to track the status and progress of their personal and team projects in real-time.
- **AI Assistance:** Integrates artificial intelligence to assist in task management, workflow optimization, and decision-making.
- **User-Friendly Dashboard:** Designed with a modern UI to ensure usability, accessibility, and seamless navigation.
- **Progress Monitoring:** Offers a structured approach to tracking project milestones, ensuring users stay informed about their progress.

UtilTechnologies

01

Next JS

02

Tailwind

03

MongoDB

04

Firebase

05

Draw IO

06

Gemini API

07

Penetration
Testing

08

Clerk

09

PWA



Software Engineering Techniques

In SyncHand Project

Requirements

This refers to gathering and defining what a software system should do.

Activity Diagram

Represents the workflow of a system, showing different activities and decisions in a process

Use Case Diagram

A visual representation of how users (actors) interact with a system

Robustness Diagram

Provides workflow of the system It ensures logical consistency between components

Sequence Diagram

Displays how objects interact in a specific sequence, focusing on the order of messages exchanged between components over time.

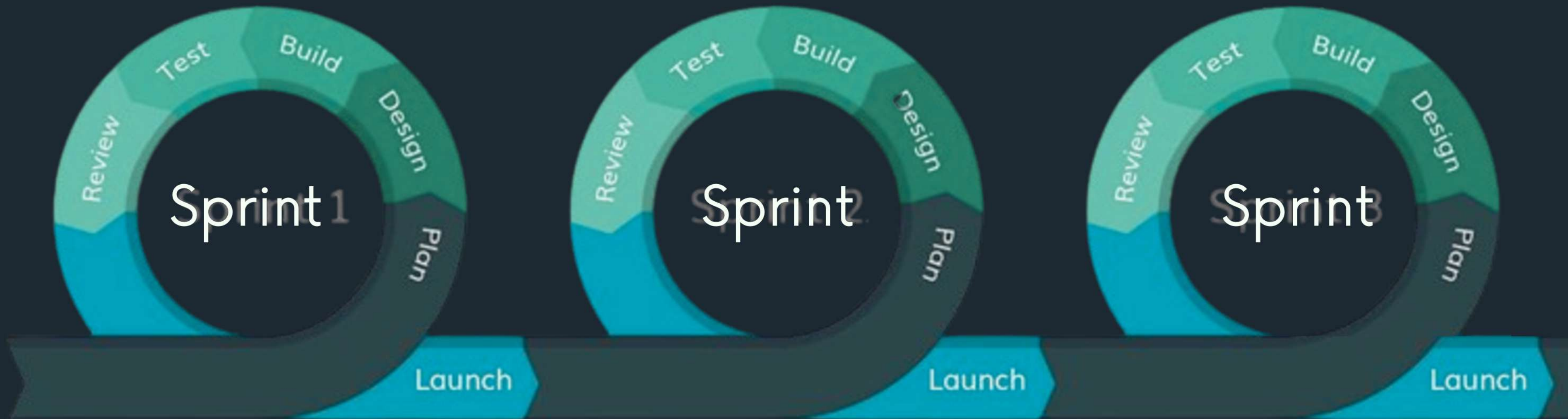
Component Diagram

Represents the physical structure of a system, and their dependencies.

Agail - Scrum

Software Engineering Approach

That used in SyncHand Project



Software Requirements Specifications

A technique that used to gathering requirements: Role-playing

User Authentication Level

01

The system shall allow users to log in securely using their credentials.

02

The system shall allow users to log out securely from their accounts.

Project Management Level

01

The system shall allow users to create new projects, specifying relevant details.

02

The system shall allow users to update existing projects, modifying project details as needed.

03

The system shall allow users to delete projects, permanently removing them from the dashboard.



Software Requirements Specifications

Project Tracking & Progress Monitoring Level

01

The system shall provide users with a real-time progress tracker, displaying project completion as a percentage (0% to 100%).

02

The system shall provide a dedicated page for project status, categorizing projects as "Completed" or "In Progress".

03

The system shall provide a dedicated page for detailed project progress, visually displaying milestones and key updates.

AI-Powered Assistance Level

01

The system shall provide a dedicated AI assistance page, offering intelligent suggestions to help users build, improve, and optimize their projects.

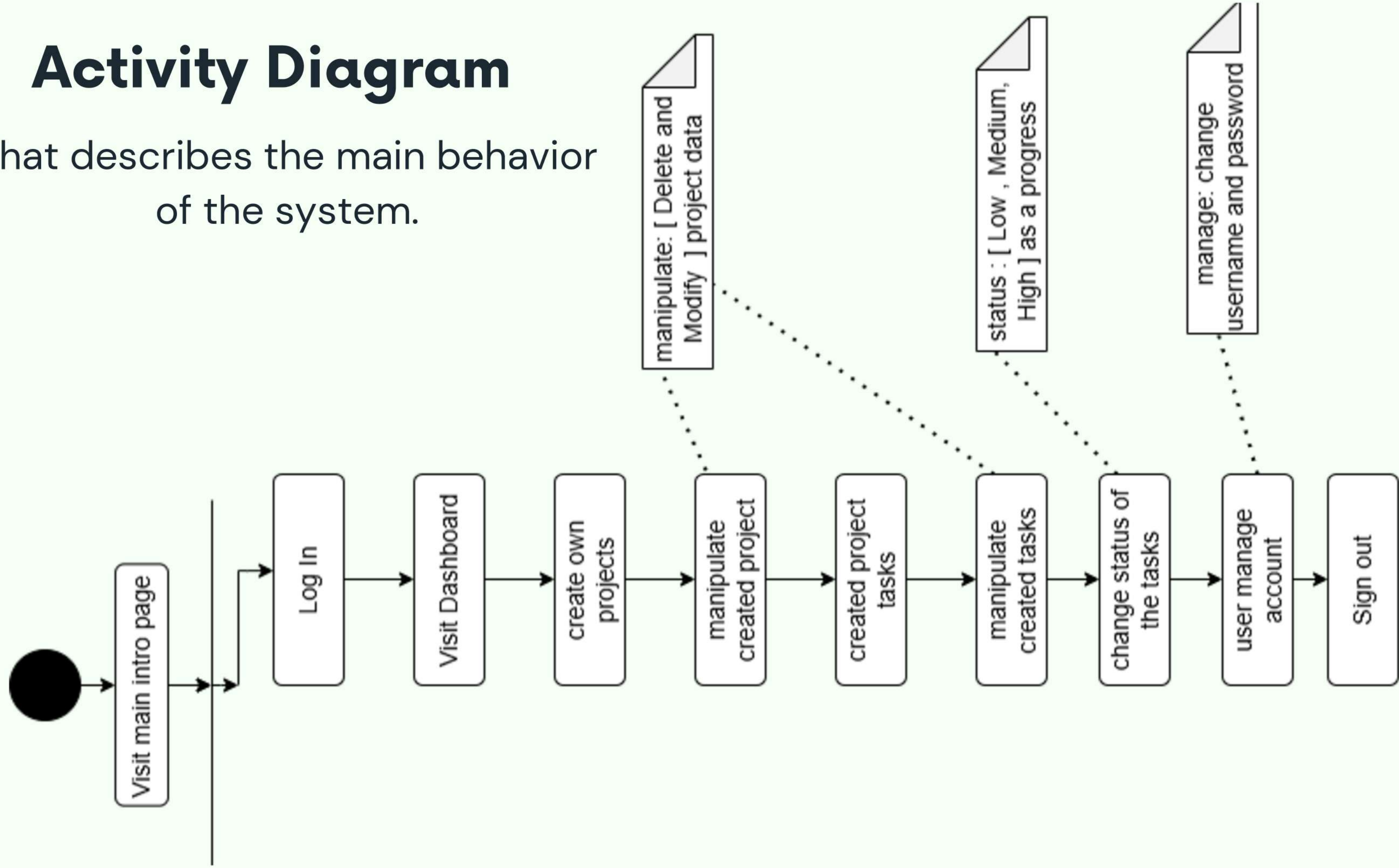
User Feedback & System Improvement Level

01

The system shall allow users to submit feedback on their experience, helping enhance the platform's usability and effectiveness.

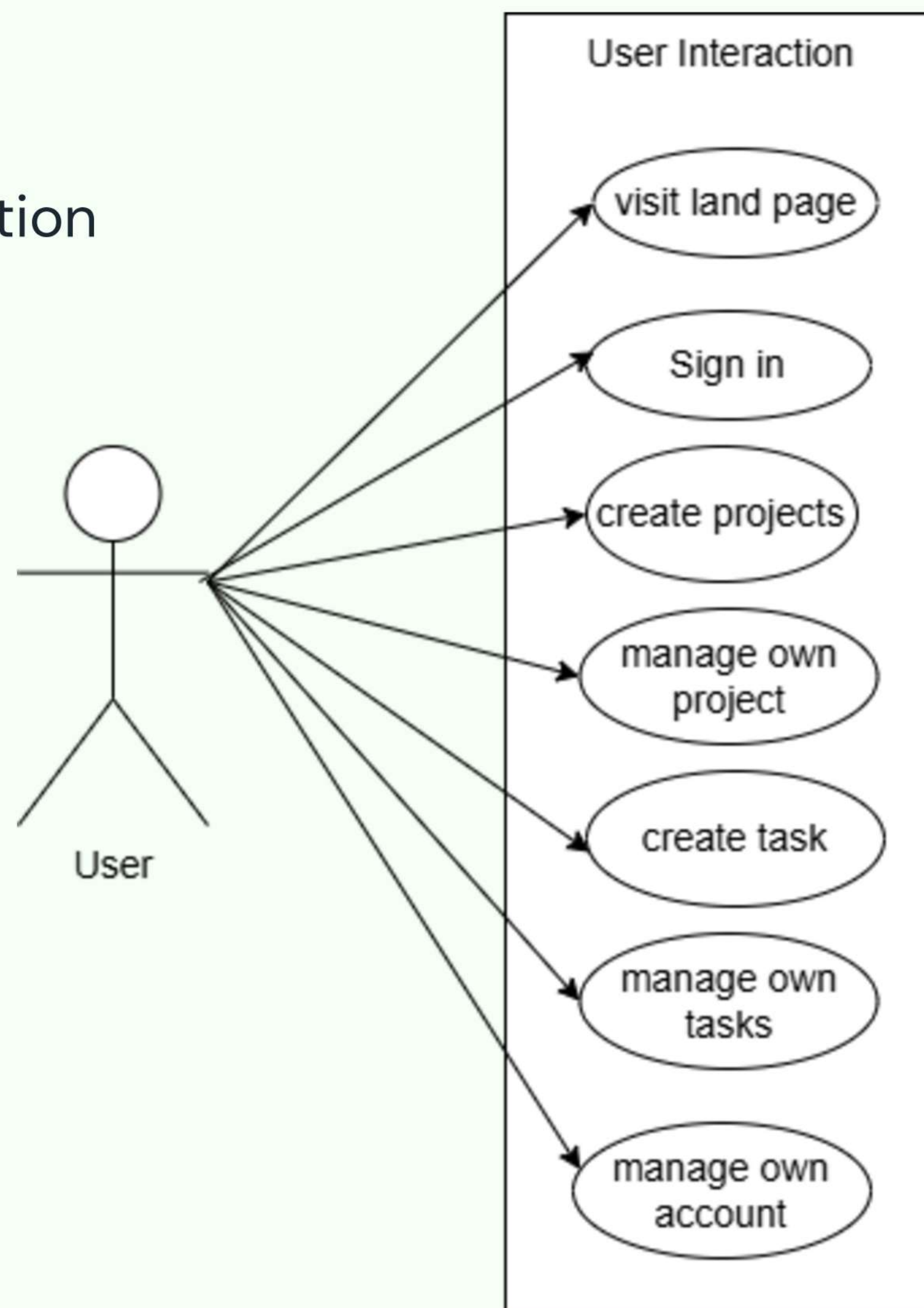
Activity Diagram

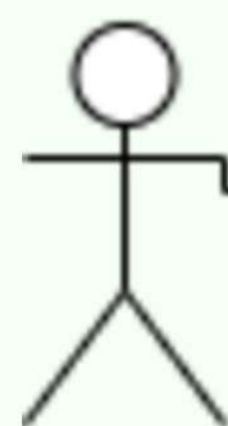
That describes the main behavior of the system.



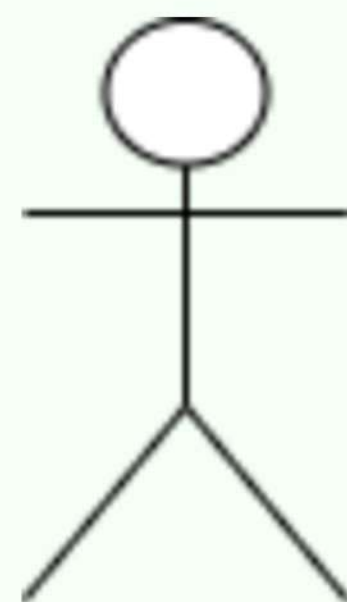
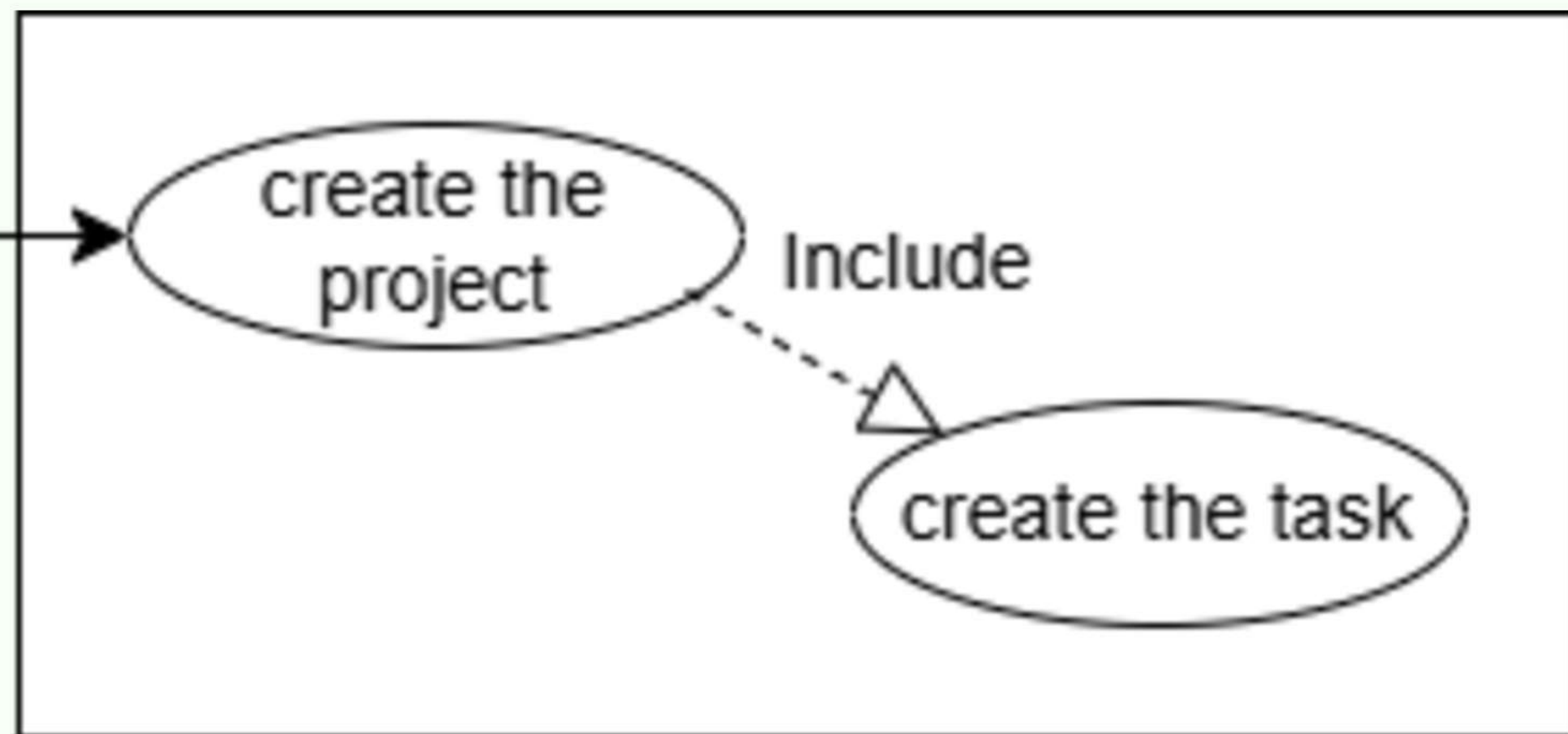
Main Usecase

That describes the user interaction with the system.





User



User

