

INFO-C451
Module 8 Midterm Project

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Customer Problem Statement

Organizations and individual employees need a way to track individual tasks and set reminders. While some teams might use tools such as Salesforce or JIRA for cases/tickets there is a need to manage smaller tasks to ensure they do not fall off the radar.

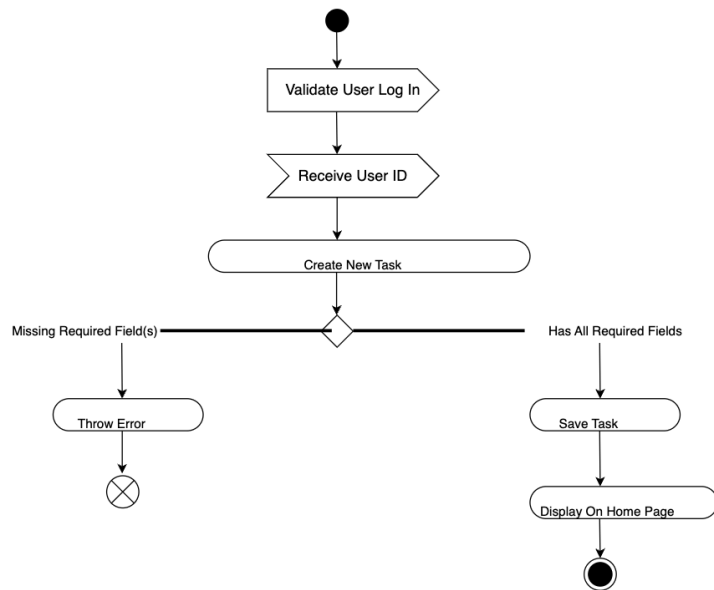
System Requirements

This system must be able to help users keep track of tasks and what they need to do. The system should be intuitive and easy to use with minimal or no training required to get started.

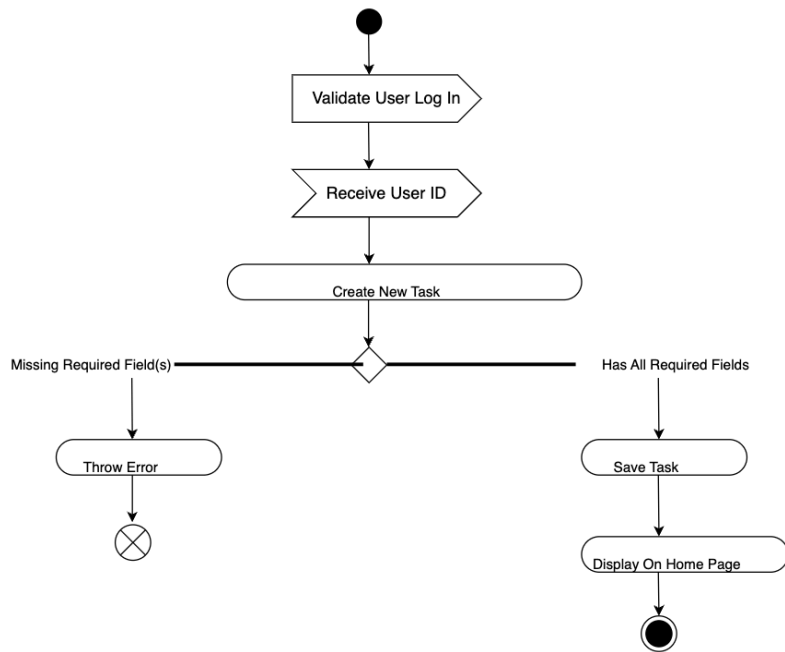
Functional Requirement Specification

No	Priority	Description
Req. 1	High	User can access the application with their credentials
Req. 2	High	New users can create an account
Req. 3	High	Users can create a task
Req. 4	High	Tasks can be assigned to other members
Req. 5	Low	Admin users can create accounts
Req. 6	High	Users can see tasks from other members in their team
Req. 7	Low	Admin users can disable accounts
Req. 8	Medium	Each task is required to have a due date
Req. 9	Medium	Each task is required to have a status
Req. 10	Low	Users can search for tasks

System Sequence Diagram



Activity Diagram



User Interface Specification

The user interface must be simple and straightforward for the user to use. It gives the user a very familiar layout as it displays the created tasks with columns and rows to mimic a spreadsheet. When editing a task a user is able to edit them right on the home page which minimizes time spent on editing tasks.

Project Plan

Most of the remaining time will be spent on getting the application hooked up to a SQL database. I have attempted to do that over the last few weeks but ran into various errors and issues getting it to work. For this midterm point I pivoted to saving the data into local storage.