In - Class activity 8: Group 1

10/22/24 Session 1 - Requirement gathering, design, and initial implementation

Sprint 1.1 - Scrum Master: Kaden, Report manager: Kaleb

* Scrum Meeting: Set up the project board and plan the initial coding tasks (**Kaden**)
* Create GitHub repository and set up the project structure:
  + src/, tests/, docs/, README.md. (**Chris**)
  + **Project Board**: Columns for Backlog, In Progress, Done (**Stuart**)
* Implement basic features such as a simple command-line interface (CLI).
* **Deliverable**: GitHub repository with initial code and project board.
* **Milestone**: Project setup (Version 0.1.1).

Sprint 1.2

* Scrum Meeting: Discuss user needs and gather functional and nonfunctional requirements.
* Create and finalize the Software Requirements Specification (SRS) document.
* Document 10+ user stories. (**Included Below, Ryan, Kat, Carissa, Lindzey)**
* Scrum Master: Leads the discussion and keeps the team focused.
* Report Manager: Documents the SRS and uploads it to GitHub.
* Deliverable: SRS document with user stories on GitHub.
* Milestone: Complete SRS (Version 0.1.2).

Sprint 2 - Scrum Master: Kaden, Report manager: Kaleb

* Scrum meeting:
* Scrum Master:
* Report Manager: Carissa

**Software Requirements Specification (SRS)**

Project name: Task Manager Application

Date: 10/22/2024

Version: 0.1.2

By: Group 1

| Revision History |  |  |  |
| --- | --- | --- | --- |
| Version | Author | Version description | Date completed |
| 0.1.2 | Kaden | Requirements | 10/22/2024 |

| Review history |  |  |  |
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| Approving party | Version approved | Signature | Date |
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User Stories

1. As a user, I should be able to create a task with a title, description, and date.
2. As a user, I should be able to edit tasks' title, description, and date.
3. As a user, I want to be able to delete outdated tasks.
4. As a user, I’d like to see tasks in order of due date.
5. As a user, I’d like to be able to register using my email address and name.
6. As a user, I should be able to add a priority level to each task.
7. As a user, I would like to be able to mark tasks as complete
8. As a user, I’d like to be able to filter my tasks by view all, completed and pending.
9. As a user, I’d like to be able to share my task on social media.
10. As a user, I’d like to be able to login using my registration information.

Functional Requirements

1. Display a list of tasks created by the user.
2. Whenever a user creates a task, it should automatically marked as incomplete
3. When a task is completed, it should still be saved to be viewed later.
4. Send Notifications when a task’s due date is upcoming.
5. Have an option for a task to be recurring.

Non-Functional Requirements

1. Users can have an email and password to login and see their tasks.
2. The user’s data is encrypted
3. Users can have up to 1000 tasks
4. Each task can have subtasks.