

Assignment 1: Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories.

Project Name: Email Client - Inbox Filtering Feature.

Agile Methodology: Scrum

Backlog Creation:

Create a prioritized list of user stories for the inbox filtering feature and estimate their story points to plan development effectively.

Product Backlog:

Filter by Sender (2 SP):

- As a user, I want to filter my inbox messages by sender to quickly find emails from specific contacts.

Filter by Subject (2 SP):

- As a user, I want to filter my inbox messages by subject keywords to identify emails related to specific topics.

Filter by Date (2 SP):

- As a user, I want to filter my inbox messages by date range to focus on emails received within a certain timeframe.

Filter by Attachment (3 SP):

- As a user, I want to filter my inbox messages to show only emails with attachments for easy access to files.

Filter by Flagged Status (1 SP):

- As a user, I want to filter my inbox messages to show only flagged emails for quick follow-up.

Sprint Planning:

- Plan development work for the upcoming sprint based on the prioritized list of user stories from the product backlog.

Sprint 1 (2 Weeks):

Sprint Goal: Implement basic inbox filtering functionality.

Selected Backlog Items:

- Filter by Sender
- Filter by Subject

Sprint 2 (2 Weeks):

Sprint Goal: Enhance inbox filtering with additional criteria and usability improvements.

Selected Backlog Items:

- Filter by Date
- Filter by Attachment
- Sprint 3 (2 Weeks):

Sprint Goal: Finalize inbox filtering feature with remaining functionality and refinements.

Selected Backlog Items: Filter by Flagged Status

Execution:

- Begin development work according to the sprint plan, holding daily standup meetings to track progress and discuss any impediments.

Review and Retrospective:

Conduct a sprint review at the end of each sprint to demonstrate completed functionality to stakeholders and gather feedback. Hold a sprint retrospective to reflect on the sprint, discuss improvements, and identify actionable changes for future sprints.