

Assignment 4.1

Given: 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.

Agile Project Plan: Task Management Tool

Backlog Item	Description	Estimated Story Points
1. User Authentication	Implement user login functionality; Design user registration form	5
2. Task Creation/Edit	Develop UI for tasks; Implement task details form (title, etc.)	8
3. Task Listing/Filter	Design UI for listing tasks; Implement filtering options	6
4. User Roles/Permissions	Define user roles; Implement role-based access control	7
5. Task Assign/Notify	Allow task assignment; Set up email notifications	8
6. Task Comments/Collab	Enable comments and attachments; Implement real-time collaboration	6
7. Data Backup/Recovery	Implement data backups; Provide recovery options	5
8. Reporting/Analytics	Develop reporting tools; Provide insights on task progress	7

Prioritized User Stories:

1. As a user, I want to log in to the system to access my tasks.
2. As a project manager, I want to create and edit tasks with relevant details.
3. As a team member, I want to see a list of tasks assigned to me.
4. As an admin, I want to define user roles and permissions.
5. As a team member, I want to receive email notifications for task assignments and updates.
6. As a user, I want to collaborate with team members by adding comments and attachments to tasks.
7. As a system administrator, I want to ensure data backup and recovery mechanisms are in place.
8. As a project stakeholder, I want access to reports and analytics on task progress and team performance.

Assignment 4.2

Given: Daily Standup Simulation - Write a script for a Daily Standup meeting for a development team working on the software feature from Assignment 1. Address a common challenge and incorporate a solution into the communication flow.

Daily Standup Meeting Script

Date: May 14, 2024

Time: 9:00 AM

Duration: 15 minutes

Attendees:

- Facilitator
- Developer 1
- Developer 2

Facilitator: Good morning team! Let's kick off our daily standup meeting. As usual, let's go around the virtual room and each share our updates. I'll start.

Facilitator: Yesterday, I worked on refining the user registration functionality for the new software feature. I encountered a challenge when integrating the email verification system. It's taking longer than anticipated due to some API compatibility issues.

Developer 1: Thanks for the update, Facilitator. Yesterday, I focused on implementing the event creation feature. I completed the UI design and started working on the backend logic. However, I ran into a roadblock with the database schema for storing event details efficiently.

Developer 2: Morning, everyone. Yesterday, I was tasked with setting up the mapping service integration for displaying event locations. I managed to get the API integrated, but there's a discrepancy between the coordinates retrieved from the API and our internal location data, causing mismatches in event locations.

Facilitator: Thanks for sharing, team. It sounds like we've encountered some common challenges in our respective tasks. To address these issues, let's brainstorm solutions together. For the email verification problem, we could reach out to the API provider for assistance and check for any documentation updates. For the database schema issue, we might need to schedule a quick design session to ensure we're optimizing our data storage efficiently. And for the mapping service integration, let's double-check our data sources and consider implementing a data validation step to reconcile any discrepancies. Does anyone have additional insights or suggestions?

Developer 1: I agree with the proposed solutions. I'll reach out to the API provider and see if they can provide any guidance. I'm also available to join the database schema design session later today.

Developer 2: Sounds good. I'll double-check our data sources and work on implementing the data validation step as suggested. If anyone needs assistance with their tasks, feel free to reach out. I'm here to help.

Facilitator: Excellent collaboration, team. Let's keep the lines of communication open and support each other as we tackle these challenges. If there are no further updates, let's wrap up the standup meeting and get to work. Remember, we'll reconvene tomorrow for another productive session. Have a great day, everyone!

Team: Thanks, Facilitator. Have a great day!