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

Time: 10:00 AM
Duration: 15 minutes
Participants:

- **Scrum Master (John Smith)**
- **Product Owner (Jane Doe)**
- **Developer 1 (Alice)**
- **Developer 2 (Bob)**
- **Developer 3 (Charlie)**
- **QA Engineer 1 (Dana)**
- **QA Engineer 2 (Eve)**

Scrum Master (John Smith):
Good morning, everyone! Let's start our daily standup. We'll follow our usual format: what you did yesterday, what you plan to do today, and any blockers. Let's begin with Alice.

Developer 1 (Alice):
Good morning!

- **Yesterday:** I finished implementing the user registration form for the user authentication feature.
- **Today:** I'll start working on the user login functionality.
- **Blockers:** None at the moment.

Scrum Master (John Smith):
Great, thanks Alice. Bob, you're up next.

Developer 2 (Bob):
Morning!

- **Yesterday:** I completed the task details form and integrated it with the task creation/edit functionality.
- **Today:** I'll be working on the UI for listing tasks.
- **Blockers:** I'm facing some challenges with the task creation form validation.

Scrum Master (John Smith):
Thanks, Bob. Charlie, how about you?

Developer 3 (Charlie):
Hi, everyone.

- **Yesterday:** I worked on defining user roles for the role-based access control.
- **Today:** I'm going to implement the role-based access control functionality.
- **Blockers:** None.

Scrum Master (John Smith):
Thank you, Charlie. Dana, your turn.

QA Engineer 1 (Dana):
Good morning!

- **Yesterday:** I started writing test cases for the user authentication feature.
- **Today:** I'll continue with the test cases and start testing the user registration form.
- **Blockers:** None at the moment.

Scrum Master (John Smith):
Great, thanks Dana. Eve, what about you?

QA Engineer 2 (Eve):
Morning!

- **Yesterday:** I reviewed the requirements for the task creation/edit feature and started drafting test scenarios.
- **Today:** I'll be working on test cases for the task details form.
- **Blockers:** None.

Scrum Master (John Smith):
Thanks, Eve. Jane, do you have anything to add?

Product Owner (Jane Doe):
Yes, a quick update. I've received some feedback from our stakeholders. They're particularly

keen on the task assignment and notification features. They've requested that we prioritize these if possible.

Scrum Master (John Smith):
Thanks, Jane. Bob, regarding your challenge with the task creation form validation, let's discuss this after the standup to find a solution. Maybe Charlie can help, as he's worked on similar issues before.

Developer 2 (Bob):
That would be great, thanks!

Scrum Master (John Smith):
Alright, it sounds like we're on track. Remember, our sprint goal is to have the user authentication and task creation/edit features ready for review. If anyone encounters any more blockers, please let me know as soon as possible. Have a productive day, everyone!

All:
Thank you, John!