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 Vision: Create a new feature for our software platform that enhances user engagement through real-time notifications.

Team:

- Product Owner: [Name]
- Scrum Master: [Name]
- Development Team: [List team members]

Project Objectives:

- Improve user engagement by 20% within 3 months of feature launch.
- Increase user retention by providing timely notifications.

Backlog Items:

1. **User Stories:**
   - **As a user, I want to receive real-time notifications so that I can stay informed about updates without manual checks.**
     - Story Points: 5
   - **As a user, I want to customize notification settings so that I can control the types of updates I receive.**
     - Story Points: 3
   - **As a user, I want to view notification history so that I can review past updates.**
     - Story Points: 3
   - **As a user, I want to receive notifications on multiple devices so that I can stay connected across platforms.**
     - Story Points: 8
   - **As a user, I want to be able to snooze notifications so that I can manage interruptions during focused work.**
     - Story Points: 2

Prioritized User Stories:

1. As a user, I want to receive real-time notifications so that I can stay informed about updates without manual checks.
2. As a user, I want to receive notifications on multiple devices so that I can stay connected across platforms.
3. As a user, I want to customize notification settings so that I can control the types of updates I receive.
4. As a user, I want to view notification history so that I can review past updates.

5. As a user, I want to be able to snooze notifications so that I can manage interruptions during focused work.

Milestones:

- **Sprint 1 (2 weeks):**
    o Develop notification backend infrastructure.
    o Implement basic notification delivery to web platform.
    o Implement notification settings UI.
- **Sprint 2 (2 weeks):**
    o Expand notification delivery to mobile platforms.
    o Implement notification history feature.
- **Sprint 3 (2 weeks):**
    o Implement multi-device notification synchronization.
    o Implement notification snooze feature.
- **Final Testing and Release (1 week):**
    o Conduct user acceptance testing.
    o Prepare documentation and training materials.
    o Deploy feature to production.

Assignment 2. 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. has context menu

Script:

Scrum Master (SM): Good morning team! Let's begin our daily standup for [Project Name]. Today, we'll go through our progress, any challenges we're facing, and our plan for the day. Who wants to start?

Developer 1 (D1): I can start. Yesterday, I finished setting up the backend infrastructure for notifications. It's ready for integration with the UI.

SM: Great job, D1. Any blockers?

D1: No blockers at the moment.

SM: Good to hear. D2, how about you?

Developer 2 (D2): Yesterday, I started working on the notification settings UI. I've completed the wireframes and started coding the basic functionality.

SM: Excellent progress, D2. Any challenges you're facing?

D2: Yes, I'm encountering some API limitations for fetching user preferences. I'll discuss this with D1 after the standup to see if we can find a workaround.

SM: Sounds like a plan. Let's make sure to collaborate on that. Anything planned for today?

D2: I'll continue with the UI implementation and review the API integration with D1.

SM: Perfect. D1, could you make sure to sync up with D2 on the API issue?

D1: Absolutely, I'll do that.

SM: Thanks. Anyone else facing challenges or need assistance?

Developer 3 (D3): I've been working on the notification history feature. Yesterday, I ran into some issues with data persistence. I've made progress but might need some extra time to debug.

SM: Thanks for the update, D3. Let's discuss potential solutions after the standup. Any plans for today?

D3: I'll focus on resolving the persistence issue and start testing the feature once it's stable.

SM: Perfect. If there are no more updates, let's wrap up. Remember, we're aiming to have the backend and UI integration ready by the end of this sprint, so let's keep the communication open and support each other. Have a productive day, everyone!

Team: Thank you!

SM: Meeting adjourned.