ASSIGNMENT – 04

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 : Enhanced User Profoile

Project Vision : To provide user with a more comprehensive and customizable profile experience.

Project Goal : Improve User engagement and personalization through enhanced profile features.

Backlog Items :

- ➤ **User Story :** As a user I want to upload a profile picture.
  - o **Story Point :** 3
- ➤ **User Story :** As a user I want to add a short bio to my profile.
  - o **Story Point :** 2
- ➤ **User Story :** As a user, I want to list my skills and expertise on my profile.
  - o **Story Point :** 5
- ➤ **User Story :** As a user, I want to specify my interests to receive personalized recommendations.
  - o **Story Point :** 8
- ➤ **User Story :** As a user, I want to set my profile visibility settings.
  - o **Story Point :** 3

Prioritized List of user stories:

- ➤ **User Story :** As a user, I want to specify my interests to receive personalized recommendations.
  - o **Story Point :** 8
- ➤ **User Story :** As a user, I want to list my skills and expertise on my profile.
  - o **Story Point :** 5
- ➤ **User Story :** As a user, I want to upload a profile picture.
  - o **Story Point :** 3
- ➤ **User Story :** As a user, I want to set my profile visibility settings.
  - o **Story Point :** 3
- ➤ **User Story :** As a user, I want to add a short bio to my profile
  - o **Story Point :** 2

Sprint Plan :

➢ **Sprint 1(2 Weeks) :**
  o Implement profile picture upload functionality
  o Allow users to add a short bio to their profile
➢ **Sprint 2(2 Weeks) :**
  o Enable users to list their skills and expertise.
  o Implement profile visibility settings
➢ **Sprint 3(2 Weeks) :**
  o Implement interest specification for personalized recommendations.

Key Stakeholders :

- Product Owner: [Name]
- Scrum Master: [Name]
- Development Team: [List of Team Members]
- Users: [Primary target users]

Success Criteria :

- 90% of users find the new profile features useful.
- 20% increase in user engagement with the enhanced profile features.
- 0 critical bugs reported post-release.

Notes :

- Daily stand-up meetings will be held to track progress and address any impediments.
- Bi-weekly sprint review meetings will be conducted with stakeholders to gather feedback and make adjustments as necessary.
- Continuous integration and automated testing will be employed to ensure code quality and stability.
- Retrospective meetings will be held at the end of each sprint to reflect on what went well and identify areas for improvement.

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.

Team Lead : Good morning team. Let's discuss our daily standup meeting for the Enhanced User Profile feature.

Developers : Good Morning

Team Lead : Great to see everyone here. Let's start with our updates. Developer 1, could you please go first?

Developer 1 : Sure thing. Yesterday, I was working on implementing the profile picture upload feature. I encountered a challenge with the image compression algorithm. It was taking longer than expected to process large images, which was impacting the overall performance.

Team Lead : That sounds like a significant bottleneck. How did you approach it?

Developer 1 : I researched alternative compression libraries and found one that significantly improved the processing time without compromising image quality. I integrated it into our codebase and ran some tests. The performance has improved noticeably.

Team Lead : Excellent work, Developer 1. Thanks for taking the initiative to find a solution.

Developer 2 : As for my update, yesterday I focused on refining the user interface for the profile editing page. I hit a roadblock with the alignment of some elements across different screen sizes.

Team Lead : Ah, front-end challenges can be tricky. What did you do to tackle it?

Developer 2 : I reached out to our UI/UX designer for guidance, and together we adjusted the layout to make it more responsive. I also conducted thorough testing on various devices to ensure consistent alignment.

Team Lead : Collaboration pays off once again. Thanks for proactively seeking support, Developer 2.

Team Lead : Before we move on, I want to address a common challenge we've been facing lately – communication gaps between team members. It's crucial for us to maintain open lines of communication to ensure everyone is on the same page and to prevent any blockers from escalating.

Developer 1 : Agreed, communication is key to our success.

Team Lead : Absolutely. To address this challenge, let's make sure we're utilizing our communication channels effectively. If you encounter any roadblocks or have questions, don't hesitate to reach out to your teammates or myself for assistance. Additionally, let's aim to provide more frequent updates, especially if you're facing challenges that could impact our progress. This way, we can address issues promptly and keep the project on track.

Developer 2 : Sounds like a plan. I'll make sure to communicate more actively.

Team Lead : Great. Let's keep up the momentum and continue supporting each other. Does anyone have any other concerns or updates they'd like to discuss?

Developer 1 : Nothing from my side.

Developer 2 : I'm good, thanks.

Team Lead : Alright then, let's wrap up for today. Remember, we're here to support each other, so don't hesitate to reach out if you need assistance. Let's make today another productive day. Have a great one, everyone!

Developers : Thanks, you too