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: Enhance Search Functionality

Project Goal: Improve search functionality to provide users with more relevant and accurate results.

Attendees: Product owner, Scrum master, developer team, testing team.

Sprint duration: 8 weeks

Start Date: 1 May 2024

End Date: 30 June 2024

Time	10:00 AM
Attendees	Product Owner, Scrum master, Developer team, testing team
Conference room	Pune

Backlog5 items:

User Story	Priority	Story Points	Notes
As a user, I want to search by keyword.	High	5	Basic search functionality.
As a user, I want to filter search results by category.	High	8	Implement category filters.
As a user, I want to sort search results by relevance.	Medium	3	Allow sorting options.
As a user, I want to save search preferences.	Medium	5	Enable saving preferences for future searches
As a user, I want to see search suggestions.	Low	2	Provide auto-complete suggestions.

Notes:

- Story points are based complexity and estimation.
- Prioritization is based on business value and user impact.

Sprint plan:

Sprint 1(2 weeks):

- Implement basic search functionality (Story Points: 5)
- Start work on category filters (Story Points: 3)

Sprints 2(2 weeks):

- Complete category filters (Story Points: 5)
- Implement sorting options (Story Points: 3)

Sprints 3(2 weeks):

- Finish sorting options (Story Points: 3)
- Work on saving search preferences (Story Points: 5)

Sprints 4(1 weeks):

- Complete saving search preferences (Story Points: 5)
- Begin work on search suggestions (Story points: 2)

Sprints 5(1 week):

- Finish search suggestions (Story Points: 2)
- Conduct user acceptance testing and bug fixes

Projects Metrics:

- User satisfaction with search functionality.
- Reduction in search query time.
- Increase in user engagement with search feature.

Key Risks:

- Technical challenges with implementing advanced search algorithms.
- User adoption of new search feature may vary**.**