

Assignment 1:

Agile Project Planning – Create a one-page project plan for a new software feature using Agile plan techniques. Include backlog items with estimated story points and a prioritized list of user stories.

Ans:

Agile Project Plan: New Feature Development for Banking Application

Project Name: Enhanced Transaction History Feature

Project Overview:

The goal of this project is to enhance the transaction history functionality of our banking application, providing users with more detailed and customizable transaction records.

Backlog Items:

User Story

As a user, I want to filter transactions by date range. Story points: 3

As a user, I want to categorize transactions for better organization. Story points: 5

As a user, I want to export transaction history to CSV format. Story points: 8

As a user, I want to view transaction details, including transaction ID, date, amount, and description. Story points: 13

As a user, I want to search transactions by keywords. Story points: 5

As a user, I want to set custom transaction categories. Story points: 8

As a user, I want to receive notifications for high-value transactions. Story points: 13

User Stories:

View Transaction Details (13 SP)

As a user, I want to view transaction details, including transaction ID, date, amount, and description.

Categorize Transactions (5 SP)

As a user, I want to categorize transactions for better organization.

Filter Transactions by Date Range (3 SP)

As a user, I want to filter transactions by date range.

Export Transaction History (8 SP)

As a user, I want to export transaction history to CSV format.

Search Transactions by Keywords (5 SP)

As a user, I want to search transactions by keywords.

Set Custom Transaction Categories (8 SP)

As a user, I want to set custom transaction categories.

Receive Notifications for High-Value Transactions (13 SP)

As a user, I want to receive notifications for high-value transactions.

Project Timeline:

Sprint 1 (2 weeks): Implement basic transaction details view and categorization.

Sprint 2 (2 weeks): Add filtering and exporting functionalities.

Sprint 3 (2 weeks): Implement search and custom categories.

Sprint 4 (1 week): Finalize and deploy high-value transaction notifications.

Team:

Product Owner: Person A

Scrum Master: Person B

Development Team: 5 Developers

Notes:

User stories may be adjusted based on feedback and changing requirements during sprint planning sessions.

Daily stand-up meetings will be held to track progress and address any obstacles.

Regular sprint reviews and retrospectives will be conducted to gather feedback and improve processes.

This Agile project plan provides a concise overview of the new feature development for the banking application, including backlog items, prioritized user stories, project timeline, team composition, and additional notes for project management.

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.

Ans:**Daily Standup Meeting Script**

Date: 10th May 2024

Time: 10:AM

Location: Virtual link

Attendees:

[Project Owner/Manager]

[Scrum Master]

[Development Team Members]

Agenda:

Review of Yesterday's Progress

Today's Goals and Tasks

Addressing Challenges and Roadblocks

Any Other Business

Scrum Master (SM): Good morning, everyone. Let's start our daily standup meeting.

Team Member 1 (TM1): Good morning!

Team Member 2 (TM2): Good morning, all.

SM: Let's begin by reviewing yesterday's progress. TM1, could you please provide an update on your tasks?

TM1: Certainly. Yesterday, I completed the implementation of the basic transaction details view. It took a bit longer than expected due to some unexpected challenges with the data retrieval API.

SM: Thank you, TM1. TM2, how about you?

TM2: I continued working on categorizing transactions. I made good progress and managed to implement the category selection feature.

SM: Great work, TM2. Now, let's discuss today's goals and tasks. TM1, what do you plan to work on today?

TM1: Today, I'll be focusing on addressing some performance issues with the transaction details view. I'll also start working on integrating the categorization feature with the backend services.

SM: Sounds good, TM1. TM2, what's on your agenda for today?

TM2: I'll be working on refining the categorization feature based on user feedback. Additionally, I'll assist TM1 with any backend integration tasks if needed.

SM: Excellent. Now, before we move forward, does anyone have any challenges or roadblocks they're facing that require immediate attention?

TM1: Actually, I encountered an issue with the API response time yesterday, which affected the performance of the transaction details view. I've tried a few optimizations, but it's still not up to the expected speed.

SM: Thank you for bringing that up, TM1. Let's discuss this further after the meeting, and we'll brainstorm some solutions together. In the meantime, feel free to reach out to me or the team if you need any assistance.

TM1: Will do, thank you.

SM: Alright, if there are no other challenges to address, let's wrap up. Remember to update your task status in the project management tool and communicate any impediments promptly.

TM2: Understood.

SM: Thank you, everyone. Let's have another productive day. If you need any support, don't hesitate to reach out. See you at tomorrow's standup.

All: Thank you. See you tomorrow.

Note: After the meeting, the Scrum Master can work closely with TM1 to identify the root cause of the API response time issue and collaborate with the team to implement appropriate solutions, such as optimizing API calls or caching data. Regular communication and collaboration are key to overcoming challenges effectively in Agile development.