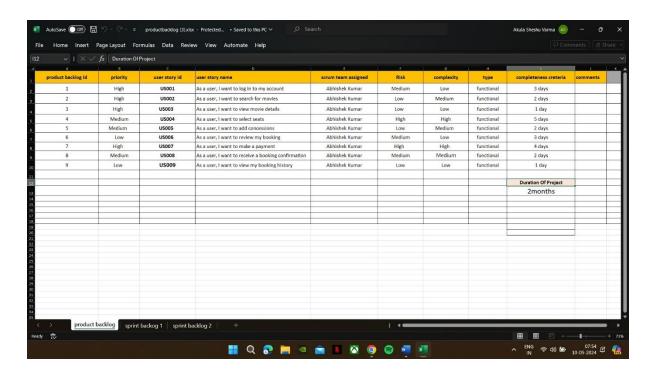**Day4 Assignments:**

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.

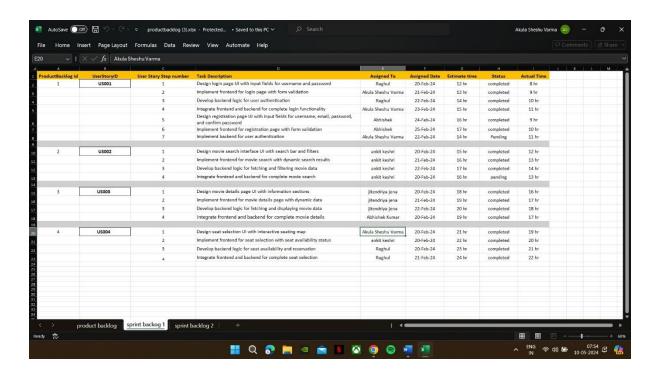*Agile Project Plan: New Software Feature*

Project Name: Online Ticket Booking System - Seat Selection Feature

Project Vision: Enhance the user experience by allowing customers to select their seats when booking tickets for events.
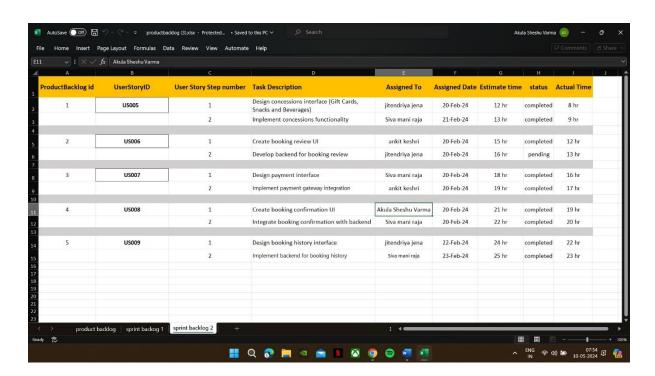
Product Backlog Page:

product backlog id	priority	user story id	user story name	scrum team assigned	Risk	complexity	type	completeness creteria	comments
1	High	US001	As a user, I want to log in to my account	Abhishek Kumar	Medium	Low	functional	3 days	
2	High	US002	As a user, I want to search for movies	Abhishek Kumar	Low	Medium	functional	2 days	
3	High	US003	As a user, I want to view movie details	Abhishek Kumar	Low	Low	functional	1 day	
4	Medium	US004	As a user, I want to select seats	Abhishek Kumar	High	High	functional	5 days	
5	Medium	US005	As a user, I want to add concessions	Abhishek Kumar	Low	Medium	functional	2 days	
6	Low	US006	As a user, I want to review my booking	Abhishek Kumar	Medium	Low	functional	3 days	
7	High	US007	As a user, I want to make a payment	Abhishek Kumar	High	High	functional	4 days	
8	Medium	US008	As a user, I want to receive a booking confirmation	Abhishek Kumar	Medium	Medium	functional	2 days	
9	Low	US009	As a user, I want to view my booking history	Abhishek Kumar	Low	Low	functional	1 day	

Duration Of Project
2months

Sprint1 Backlog Page:

ProductBacklog id	UserStoryID	User Story Step number	Task Description	Assigned To	Assigned Date	Estimate time	Status	Actual Time
1	US001	1	Design login page UI with input fields for username and password	Raghul	20-Feb-24	12 hr	completed	8 hr
		2	Implement frontend for login page with form validation	Akula Sheshu Varma	21-Feb-24	13 hr	completed	9 hr
		3	Develop backend logic for user authentication	Raghul	22-Feb-24	14 hr	completed	10 hr
		4	Integrate frontend and backend for complete login functionality	Akula Sheshu Varma	23-Feb-24	15 hr	completed	11 hr
		5	Design registration page UI with input fields for username, email, password, and confirm password	Abhishek	24-Feb-24	16 hr	completed	9 hr
		6	Implement frontend for registration page with form validation	Abhishek	25-Feb-24	17 hr	completed	10 hr
		7	Implement backend for user authentication	Akula Sheshu Varma	22-Feb-24	14 hr	Pending	11 hr
2	US002	1	Design movie search interface UI with search bar and filters	ankit keshri	20-Feb-24	15 hr	completed	12 hr
		2	Implement frontend for movie search with dynamic search results	ankit keshri	21-Feb-24	16 hr	completed	13 hr
		3	Develop backend logic for fetching and filtering movie data	ankit keshri	22-Feb-24	17 hr	completed	14 hr
		4	Integrate frontend and backend for complete movie search	ankit keshri	20-Feb-24	16 hr	pending	13 hr
3	US003	1	Design movie details page UI with information sections	jitendriya jena	20-Feb-24	18 hr	completed	16 hr
		2	Implement frontend for movie details page with dynamic data	jitendriya jena	21-Feb-24	19 hr	completed	17 hr
		3	Develop backend logic for fetching and displaying movie data	jitendriya jena	22-Feb-24	20 hr	completed	18 hr
		4	Integrate frontend and backend for complete movie details	Abhishek Kumar	20-Feb-24	19 hr	completed	17 hr
4	US004	1	Design seat selection UI with interactive seating map	Akula Sheshu Varma	20-Feb-24	21 hr	completed	19 hr
		2	Implement frontend for seat selection with seat availability status	ankit keshri	20-Feb-24	22 hr	completed	20 hr
		3	Develop backend logic for seat availability and reservation	Raghul	20-Feb-24	23 hr	completed	21 hr
		4	Integrate frontend and backend for complete seat selection	Raghul	21-Feb-24	24 hr	completed	22 hr

Sprint2 Backlog Page:

ProductBacklog id	UserStoryID	User Story Step number	Task Description	Assigned To	Assigned Date	Estimate time	status	Actual Time
1	US005	1	Design concessions interface (Gift Cards, Snacks and Beverages)	jitendriya jena	20-Feb-24	12 hr	completed	8 hr
		2	Implement concessions functionality	Siva mani raja	21-Feb-24	13 hr	completed	9 hr
2	US006	1	Create booking review UI	ankit keshri	20-Feb-24	15 hr	completed	12 hr
		2	Develop backend for booking review	jitendriya jena	20-Feb-24	16 hr	pending	13 hr
3	US007	1	Design payment interface	Siva mani raja	20-Feb-24	18 hr	completed	16 hr
		2	Implement payment gateway integration	ankit keshri	20-Feb-24	19 hr	completed	17 hr
4	US008	1	Create booking confirmation UI	Akula Sheshu Varma	20-Feb-24	21 hr	completed	19 hr
		2	Integrate booking confirmation with backend	Siva mani raja	20-Feb-24	22 hr	completed	20 hr
5	US009	1	Design booking history interface	jitendriya jena	22-Feb-24	24 hr	completed	22 hr
		2	Implement backend for booking history	Siva mani raja	23-Feb-24	25 hr	completed	23 hr

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.

Daily Standup Meeting Script

Team Lead: Good morning, everyone. Let's kick off our daily standup meeting. As usual, let's go around the virtual room and update each other on our progress, any blockers, and our plans for the day. I'll start.

I've been working on implementing the backend logic for the ticket booking system feature. Yesterday, I managed to finalize the database schema and started writing the API endpoints for ticket reservations. Today, I plan to complete the API endpoints and begin integration testing.

Developer 1: Morning, all. I've been collaborating with the front-end team to design the user interface for the ticket selection page. We've made good progress, but we hit a snag with responsiveness on mobile devices. I'll be focusing on resolving that issue today by implementing some CSS media queries.

Developer 2: Good morning, everyone. I've been working on optimizing the search algorithm for finding available tickets based on various criteria. Yesterday, I identified a bottleneck in the code that was causing slow performance. I plan to refactor that section today to improve search speed.

Developer 3: Hey, team. I've been working on integrating the payment gateway into our system. Yesterday, I encountered an issue with the sandbox environment not properly simulating certain edge cases. I'll be reaching out to their support team today to get clarification and hopefully resolve the issue.

Team Lead: Thanks for the updates, everyone. It sounds like we're making good progress overall. Now, let's address a common challenge we've been facing lately - communication breakdowns between teams.

As we work on different aspects of the ticket booking system, it's crucial that we maintain clear communication channels to ensure smooth integration between frontend, backend, and other components. To tackle this challenge, let's implement a daily sync-up meeting between the frontend and backend teams, where we can discuss any interface changes, API requirements, and potential integration issues.

Developer 1: That sounds like a great idea. I think having regular sync-ups will help us catch any discrepancies early on and ensure that our components align seamlessly.

Developer 2: Agreed. It's easy to overlook integration points when we're focused on our individual tasks. Regular meetings will definitely help us stay on the same page.

Developer 3: Definitely. I think this will also foster better collaboration and understanding between teams, ultimately leading to a more cohesive product.

Team Lead: Perfect. Let's schedule the first sync-up meeting for later today and make it a recurring event for the remainder of the sprint. In the meantime, let's continue to prioritize communication and collaboration as we work towards completing the ticket booking system feature.

Team Lead: Alright, any final thoughts or questions before we wrap up?

Developer 1: None from my end. I'm all set.

Developer 2: Likewise, I'm good to go.

Developer 3: No questions here. Let's keep up the momentum.

Team Lead: Fantastic. Thanks, everyone. Let's make today another productive day. If you run into any blockers or need assistance, don't hesitate to reach out. Have a great day, and let's reconvene tomorrow for our next standup meeting.