

Homework #2 Agile Project Planning

Assigned: January 31
Due: February 14

Jira Timelines

Familiarize yourself with Jira and the Timeline view:

<https://support.atlassian.com/jira-work-management/docs/what-is-the-timeline-view-and-how-do-i-use-it/>

Create a timeline for the hypothetical project described below assuming a team of 4 following SCRUM. You can simply guess on the estimates for completing the development. Your timeline should include:

1. All 4 Epics ✓
2. Planned Sprints ✓
3. At least 3 other activities related to the necessary technical infrastructure and tools required for the project ✓
4. Dependencies where applicable ✓

Please submit the Timeline along with an explanation on how you created the schedule.

Project Name: Online E-Commerce Platform Enhancement

Project Overview: A popular online e-commerce platform aims to enhance its user experience, improve website performance, and introduce new features to stay competitive in the market. The project is organized into several epics, each with specific goals and objectives.

Epic 1: User Authentication and Account Management *Objective:* Improve user authentication and account management features to enhance security and user experience.

User Stories:

1. As a user, I want to be able to register for a new account using my email and password.
2. As a user, I want to receive a confirmation email upon successful registration to verify my account.
3. As a user, I want to reset my password if I forget it.
4. As a user, I want to update my personal information (e.g., name, email, profile picture) in my account settings.
5. As a user, I want to link my social media accounts for easier login.

Epic 2: Product Search and Recommendations *Objective:* Enhance the product search and recommendation system to help users discover products more effectively.

User Stories:

1. As a user, I want to search for products by keyword, category, and price range.
2. As a user, I want to see personalized product recommendations based on my browsing and purchase history.

3. As a user, I want to filter search results by various criteria (e.g., customer ratings, brand, availability).
4. As a user, I want to receive real-time notifications for new products, promotions, and price drops.

Epic 3: Shopping Cart and Checkout *Objective:* Improve the shopping cart and checkout process for a smoother and more efficient purchase experience.

User Stories:

1. As a user, I want to add products to my shopping cart from the product detail page.
2. As a user, I want to view and edit the contents of my shopping cart before checking out.
3. As a user, I want to apply discount codes and see the adjusted total price.
4. As a user, I want to select different shipping and payment options during checkout.
5. As a user, I want to receive an order confirmation email with details about my purchase.

Epic 4: Mobile App Integration *Objective:* Create mobile applications for iOS and Android to expand the platform's accessibility.

User Stories:

1. As a user, I want to download and install the mobile app from the App Store or Google Play.
2. As a user, I want to log in to the mobile app using my existing account credentials.
3. As a user, I want to receive push notifications on my mobile device for order updates and promotions.
4. As a user, I want to use my device's camera to scan barcodes and search for products.
5. As a user, I want to enjoy a responsive and user-friendly experience on the mobile app.

In CSE 566, all work must be done individually unless otherwise instructed and must be original. Papers must be written in your own words (no cutting and pasting). References to all work must be cited where used in the paper and included in a bibliography at the end of the paper.

All students must familiarize themselves and adhere to the ASU Academic Integrity Policy

<https://provost.asu.edu/index.php?q=academicintegrity>