**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.

**My Jira Timeline:**

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**Creating a schedule for a team of 4 (Cross-functional) following SCRUM:**

* We made four sprints (excluding sprint 0) where each sprint takes around a week (excluding weekends) on the timeline of our Jira Project to accommodate 4 epics & their user stories as below:  
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* Each sprint will cover *4- 5 User stories which will not necessarily be from the same epic* and undergo 3 stages - Development (2 days), Testing (2 days), Deployment (1 day). These 3 stages have been represented using **tasks** under each sprint to adhere to corresponding sprint’s schedule as below:  
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* **Sprint 0 (*3 other activities related to the necessary technical infrastructure and tools required for the project*)** is to address project readiness and to set up the infrastructure. It consists of the below tasks:  
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* In Sprint-1, We will take up **Epic 1: User Authentication and Account Management** and address all it’s user stories as it is a critical dependency for future sprints/Epics.  
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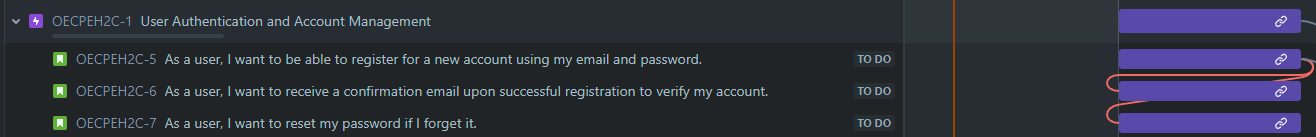
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  + One Developer is going to take care of 2 user stories and the other 3 developers will take care of the remaining 3 user stories. *(Similar approach will be followed where 5 stories are expected to be completed at the end of the sprint)*
* In Sprint-2, We will implement **4 user stories from Epic 3: Shopping Cart and Checkout and 1 user story from Epic 2: Product Search and Recommendations** so that customers can start shopping.  
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* In Sprint-3, We will implement **3 user stories from Epic 2: Product Search and Recommendations and 1 user story from Epic 3: Shopping Cart and Checkout.** Epic-2 & 3 will be completed at the end of this sprint.  
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* In Sprint-4, We will implement Epic 4: Mobile App Integration and address all its user stories.  
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**Dependencies Encountered:**

* Dependency within Epic1 (Sprint-1), **new account registration** user story must be completed before starting registration **Email confirmation** user story and **password reset** user story.  
  
* Dependency between Sprint-1 and Sprint-2, **new account registration** user story must be completed to implement **product recommendations based on my browsing and purchase history**.  
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* Dependency between Epic 1 (Sprint-1) and Epic 4 (Sprint-4), **new account registration** user story must be completed to log in to the mobile app using my existing account credentials.

**References:**

1. <https://youtu.be/n_coOcJVJzQ?si=TffUADG01URcFuzk> [Jira Projects]
2. <https://youtu.be/sEoyFQTZWiM?si=GLKwvTPcZc2ZLKq2> [Epics creation]
3. <https://youtu.be/NpRAsyZEqxw?si=UKzX8_aGLDNDWuft> [Sprint planning with Jira]
4. <https://youtu.be/bvKDldShE8A?si=OAZeakl_Dj2mcvpv> [Sprint planning with Jira contd.]
5. <https://youtu.be/kkl7Aw6Y-sM?si=nqBU617LkAs1CKAL> [Jira tasks]