Project Sprint Planning Notes

Team: Moving Houses

Sprint: 4

Date: 5/10/2021

Attended: Jared Song, Aili Gong, Alexander Aloi, Shannon Dann, Carl Karama

Scrum Master: Jared Song

Product Owner: Redowan Mahmud

Development team: Aili Gong, Alexander Aloi, Shannon Dann, Carl Karama

1. Goal

*This sprint will focus on deploying our entire application to AWS so that it is all hosted remotely and only use remote resources. Additionally, we will utilise AWS Kubernetes to work alongside docker and maintain our images and framework, and logging will also be added. The new features will include implementing a payment system using the PayPal API, and covers ordering functionality such as reserving books, refunding or cancelling orders and adding or removing items from a shopping cart.*

*Our general aim is to complete all remaining user stories, which does not include the new one requested by our product owner – adding incentives for users to buy books. Our reasons for this are that it was not a part of our original design specifications, and that the product owner has not requested it as a high-priority functionality, hence we will proceed with completing all original tasks before this specific feature.*

1. Duration of the sprint

*2 weeks*

1. What is the team’s vision for this sprint?

*All remaining items from the product backlog will be included except for the item regarding incentives – this includes viewing, approving, and rejecting refund requests as an admin, and adding, removing or checking out items from a shopping cart. Additional features to the current ones are reserving items in advance and cancelling orders within or after 2 hours since the transaction was made. Sellers will also be able to add images to their products, and developers will be able to access the BOOKEROO API with curl commands to receive data such as books or users in the system.*

1. Estimation in story points

*As an admin:*

*I want to see the transaction history of an item, so I know if the right amount of money is being transferred – 3 points as it makes use of the existing transactions service with a new query.*

*I want to view the refund requests from users, so that I can manage all the refund requests. – 3 points as it is a new request type for the requests service.*

*As an admin, I want to approve refund requests from users, so that I can allow the refund to the processed – 3 points as it is a new request type for the requests service.*

*As an admin, I want to reject refund requests from users, so that I can deny the refund requests – 3 points as it is a new request type for the requests service.*

*As a customer:*

*I want to remove items from my shopping cart, so I can avoid buying items I don’t want. – 5 points as it requires the use of cookies to store sessions, and new cart functionality.*

*I want to put items to my shopping cart, so I can buy them later – 5 points as it requires the use of cookies to store sessions, and new cart functionality.*

*I want to check-out my shopping cart with PayPal, so I can finish my purchase – 13 points as it requires us to integrate a separate and new API.*

*I want to cancel my order after 2 hours of purchasing, so I can get a full refund. – 5 points as it requires a new query accessing transactions and creating requests.*

*I want to cancel my order within 2 hours of purchasing, so I can get a full refund. – 5 points as it requires a new query accessing and modifying transactions.*

*I want to book items in advance, so I can get the book later when it is available. – 3 points as it uses the existing transactions service*

*As a business user:*

*As a business user, I want to be able to upload images to my books, so that I can display previews for each book item. – 13 points as it requires integration with Amazon S3 for creating images and adding it to buckets for our database.*

*As a developer:*

*I want to be able to access the BOOKEROO API so that I can display information from the BOOKEROO API. – 5 points as curl requests need to be integrated with Amazon deployment*

*Architecture and Design:*

*Deployment to AWS – 13 points as it requires the complex process of using cloud technology and ensuring build stability.*

*Integration with AWS Kubernetes – 13 points as it requires the complex process of using cloud technology and ensuring build stability.*