Sprint Planning Notes

SEPT Team 3

**Sprint 02**  
Date: 07SEP2021

**Attended**  
Scrum Master: Roman O’Brien  
Product Owner:   
Development team: Charlton Ho, David Morrin, Allen Muthupannackal Jose

**Goal**  
To create a website prototype that allows users to search and view books, and create an account. The website should also be developed with a Continuous Integration server, and deployed for access online.

**Sprint Duration**  
2 weeks

**What is the team’s vision for this sprint?**  
Product Backlog Items (Ordered by priority):  
BK-24: Customer – Book Search  
BK-62: Meta – Security  
BK-65: Meta – Continuous Integration  
BK-64: Meta – Deployment  
BK-28: Customer – View Book Information  
BK-22: Publisher – View Book Cover

These product backlog items were prioritised as they weren’t able completed last sprint and are still required for the product to be shippable. Additionally, the “Meta” items aren’t related to any pre-existing User Stories but include functionality required for the validity of the software or the team’s development process.

By the end of this sprint, the potentially shippable product of our software will comprise of the required functions to add and view books. Users will also be able to register accounts. This means that users will be able to search for and look at books, with information provided by Publisher users.

**Estimation in story points**

*BK-24: Customer – Book Search*  
8 Story Points: Assuming that database is already functional, search only involves repeated SQL queries on the book table (fields: Title, Author, ISBN, Category), and ranked relevancy.

BK-18 Customer – *Register Account*  
5 Story Points: Assuming that database has already been migrated to MySQL server – Should be relatively simple as we already have register functionality working in the *homy* branch, so it should just be an adaption of that code.

BK-62 Meta – Security  
8 Story Points: While the task should be simple – merely copying security related code from the basecode – we’re aiming to understand the security measures in place and apply them to the other features present.

BK-65 Meta – *Continuous Integration*  
8 Story Points: Setting up and Running a Continuous Integration server doesn’t seem too complex, and its purpose seems simple enough – just running tests and build commands – but this is new for all of us so we expect it’ll take longer as there’s much to learn.

Update 07SEP2021 19:00 – Homy clarified that deployment is not to be done until Milestone 3  
BK-64 Meta – *Deployment*  
34 Story Points: Lots of the code has to be packaged into docker containers and then be able to run on AWS. This will also include the connection between our CI server and AWS (building docker images).

*BK-22: Publisher – View Book Cover*  
3 Story Points: Assuming that the Publisher’s book upload functionality is operational (and includes uploading and hosting images), then this user story is relatively simple – just displaying an image on a webpage.

*BK-28: Customer – View Book Information*  
8 Story Points: Assuming that the publisher uploads the book’s table of contents as text (or image), this story involves using a GET request to obtain a book’s JSON and then must be presented on a webpage.