

Project Sprint Planning Notes

Team: Team 12 Bin Chickens

Sprint: 1

Date: 14/08/22

Attended: Amy Minitier, Luke Mullan, Joseph Jermaine Jamisola, Syed Ali, Abdulrahman Alanazi

Scrum Master: Amy Minitier

Product Owner: Prakash Adhikari

Development team: Luke Mullan, Joseph Jermaine Jamisola, Syed Ali, Abdulrahman Alanazi

1. Goal

As a team we are aiming to achieve our first goal, directed by the product owner, of a doctor or patient being able to register with the Neighbourhood doctor's service.

2. Duration of the sprint

2 weeks

3. What is the team's vision for this sprint?

After discussing as a group, we decided to focus on six items of the product backlog for this sprint. The items are as follows:

- Build "Doctor sign-up with accreditation number and admin approval" feature
- Build admin verification of doctor verification number
- Build sign up to ND health for patients.
- Build patient profile
- Build sign up to ND health for doctor.
- Build API functionality for registration

These six items are the only items closely related to 'registration' and given we have a big climb to get all aspects of front-end and back-end set up, this should give us plenty of time to complete the six items within the sprint backlog.

After completing these six items from the backlog, we will have the basics of our web/mobile application running. A doctor or patient will be able to sign up and a patient will be able to sign in to their profile page and add additional health information. The administrator will also be able to view the pending doctor sign-ups and 'approve' them after external verification with their accreditation

numbers. Once a doctor has been approved, a doctor will be able to sign in to a basic welcome page.

4. Estimation in story points

Sprint backlog item	Story points
Build "Doctor sign-up with accreditation number and admin approval" feature	5
Build admin verification of doctor verification number	3
Build sign up to ND health for patients.	5
Build patient profile	5
Build sign up to ND health for doctor.	5
Build API functionality for registration	8

Using the Fibonacci numbers between 0-10, we completed the estimated effort of story points for each sprint backlog item. Given that 8 is our highest number, we believe the API functionality will be one of the hardest backlog items to finish and no-one in the team has any experience with creating and using APIs in a mobile/web application.

The backlog item with 3 story points (build admin verification of doctor verification number) seems more straightforward given most team members have experience with fetching data from a database and displaying it on a GUI, and updating data within the database.

The other 4 backlog items with 5 story points, range somewhere in the middle where they are a little more complex than admin verifying doctors but not as complex as APIs. These items have a few more steps for sub-tasks which involve more aspects of front-end/back-end communication to work correctly.