

Onboarding Summary

What is Scrum?

Scrum is an agile development methodology used in the development of software on an iterative and incremental process. It is designed to deliver value to the customer throughout the development process.

Throughout this project, we will be using this methodology to keep a transparency in communication, collaborative responsibility, and continuous progress. From the initial moment, we will assign a scrum role to ensure the methodology is being followed thoroughly.

Scrum Roles

Product Owner

We will have the product owner who will be responsible and own the backlog and strive to prioritise items to be worked on before every sprint. This way the development team can work on the requirements mentioned in the product backlog.

Scrum Master

The scrum master is mainly responsible to ensure that the team has everything they need and will facilitate throughout a project. Scrum master plays a role in many ways throughout the project. In accordance with the product owner, scrum master is responsible to help find techniques for effective product goal. Help the scrum team to understand clear and concise product backlog.

Development Team

Our development team will play a key role throughout this project as they we will be working together to develop and deliver the requested and committed product increments and builds the product as for the product owner indicates. They will decide how many items to build doing a Sprint and how best to accomplish the goal. the team will be small and self-organising who owns collective responsibility of developing, testing, and releasing the product.

Scrum Artifacts

Product Backlog

This is an essential artefact of agile the product owner provides all the information, features, enhancements, tasks, or work requirements needed for this project. Whilst working throughout the project and during the daily Sprint meetings, task will be assigned to individual member of the team which needs to be completed or worked on before the next sprint meeting. The main purpose of the product backlog is to prioritise those tasks and work accordingly and to break down activities into a smaller task.

Sprint Backlog

We will be using Sprint backlog throughout this project to plan deliverables for future increments and detailed the work required to create the increment. Using the sprint backlog, we will be breaking task into smaller and actionable sprint items. During the sprint planning/meeting we will keep the backlog updated. We will then assign the sprint asks too relevant members of the team which will need to be completed in a dedicated period and the remaining spring tasks will be carried forward to the future sprint.

Increment

Throughout the project, we will keep track of the product increment i.e., deliverable produced by completing product backlog. Using this will keep the work aligned to the backlog items and if needed the team can also look at the commits and then tie them back to scrum increment.

Burndown chart

Although this is not an official artifact, but it will help us to communicate and track progress to add the Sprint goal during the Sprint. With the help of the burn down chart, we can examine the progress to identify the target on successfully completion of the Sprint in a dedicated period (usually 5 days).

Scrum Ceremonies

Sprint Planning

This meeting will usually take place at the beginning of new Sprint where the product owner and the development team will meet and review the prioritise product backlog. After a thorough discussion, the development team will create a sprint backlog consisting of all the items committed to be completed by the end of the sprint. during this meeting the attendance of product owner, scrum master and the development team is crucial.

Daily Scrum

The daily scrum meeting will provide an opportunity to the team to get together and communicate individual progress towards the Sprint goal and the development team shall focus and answer the following questions:

- What did you do yesterday?
- What will you do today?
- And what is restricting you 2 carry your task?

Sprint Review

This will provide a platform for the development team do show cars all the work that has been achieved so far and can be presented to the stakeholders.

Sprint Retrospective

This is the final scrum ceremony where the scrum team can reflect on the work that has been achieved and discuss ways in which it can be improved.