

## SPRINT PLANNING IN TRELLO

### Trello screenshots sprint 1:

Project Resources Links

in list Team Hub

LABELS

Description Edit

GitHub: <https://github.com/Group5Bots>

Project Summary Document: [https://docs.google.com/document/d/1vfGmSHZ9pEZ\\_QEKJAL5b3GSXOCrs4PRemjIPyPE3Mhs/edit?usp=sharing](https://docs.google.com/document/d/1vfGmSHZ9pEZ_QEKJAL5b3GSXOCrs4PRemjIPyPE3Mhs/edit?usp=sharing)

Sprint Planning in Trello: [https://docs.google.com/document/d/1Xd5PYJlrPUZGorpRc3hRT5ytZ4p1yFruHJzha\\_8Jw/edit?usp=sharing](https://docs.google.com/document/d/1Xd5PYJlrPUZGorpRc3hRT5ytZ4p1yFruHJzha_8Jw/edit?usp=sharing)

Task 7.1 Group Reflection: [https://docs.google.com/document/d/16QcQVIE2BfDotN4Xea17oSzcgUH9knr8b\\_SlviFPQ3k/edit?usp=sharing](https://docs.google.com/document/d/16QcQVIE2BfDotN4Xea17oSzcgUH9knr8b_SlviFPQ3k/edit?usp=sharing)

Sprint 1 Retrospective Speech: [https://docs.google.com/document/d/1A\\_xmRNYwpZEBHu7DFI\\_p8VNz3yffS1O8ykDlQYtCWw/edit?usp=sharing](https://docs.google.com/document/d/1A_xmRNYwpZEBHu7DFI_p8VNz3yffS1O8ykDlQYtCWw/edit?usp=sharing)

Introduce Ourselves

in list Completed : Sprint 1

MEMBERS

LABELS

Description Edit

Meet in Microsoft Teams!

Checklist

100%

Introduced

Sprint Planning In Trello Overview

in list Doing

MEMBERS

LABELS

Description Edit

Screenshots of your sprint planning in Trello, relating to the checklist.

Trello Activity

25%

a. Activities related to both sprints.

b. Features to be investigated/implemented and tasks

c. Members of the team assigned to tasks and features

d. List of resources (links to resources, in dedicated Trello list)

Need Help?

in list Team Hub

LABELS

Description Edit

**Hey Team 5!**

Lets chat!

We are a team dedicated to achieving the highest score possible, so if we have any questions please feel free to ask each other in the Microsoft Teams chat.

Trello?

Trello will be used for this subject for team interaction and completing tasks. When completed let the team know and then move the list that had the task to the completed section!

Ok I'm ready to start writing!

When needing to write part of the document please use the mystic powers of googles shared doc for the team

What if I need our emails?

We will regularly communicate within the Team Chat but if you need our emails here they are:

Kynans: [brownkyn@deakin.edu.au](mailto:brownkyn@deakin.edu.au)

Cynthia: [bowmanc@deakin.edu.au](mailto:bowmanc@deakin.edu.au)

Jidong: [linjid@deakin.edu.au](mailto:linjid@deakin.edu.au)

Olivia: [ogardiner@deakin.edu.au](mailto:ogardiner@deakin.edu.au)

Elliott: [emccorriston@deakin.edu.au](mailto:emccorriston@deakin.edu.au)

+ Project summary document

in list Completed : Sprint 1

MEMBERS

LABELS

Description Edit

Part A: Provide a brief summary of the project (less than 400 words) that captures your understanding of the project, what it is, and what it intends to do.

Part B: List group members and the mark they are targeting on OnTrack for this unit.

Google Doc: [https://docs.google.com/document/d/1vfGmSHZ9pEZ\\_QEKJAL5b3GSXOCrs4PRemjIPyPE3Mhs/edit?usp=sharing](https://docs.google.com/document/d/1vfGmSHZ9pEZ_QEKJAL5b3GSXOCrs4PRemjIPyPE3Mhs/edit?usp=sharing)

Checklist

100%

Part A

Part B

Ownership Roles

in list Completed : Sprint 1

MEMBERS

LABELS

Description Edit

**Junior Security Analyst, Jidong Lin:** Within this project I will be focusing on ensuring that the website's digital assets such as customer and vehicle's detail are protected from unauthorized access. I am also responsible for evaluating the security policies in place.

**Security Analyst SOC, Cynthia-Lee Bowman:** Within this project I will be focusing on the security of the technologies used to create the website, and making sure that they are implemented in such a way as to meet the client's as well as jurisdictional requirements.

**Junior Scrum Master, Elliott McCorriston:** I will ensure the objectives, processes and values of the client will be adhered to within the team as we work towards the completion of the project. I am responsible for what the client has requested and how the team will achieve this with a focus on task times and feedback on delivery.

**Junior Web Developer - Backend, Olivia Gardiner:** Within this project I will be focusing on the back-end development of the website. This involves designing the database which will hold the information about user accounts, vehicle make and models, and the associated car recall and issues.

**Junior Web Developer - Frontend, Kynan Brown:** The role of the frontend web developer within this project includes designing the UI and UX and implementing these designs to create the frontend of the website. This role also involves ensuring the responsiveness of the website.

**Trello screenshots sprint 1 cont:**

**+ Features to be implemented**  
in list Completed : Sprint 1 @

MEMBERS: CB EM OG +  
LABELS: Credit +

**Description** Edit

The following features have been identified as the main components that will need to be implemented for the project:

- User Interface of Website
- User Experience of Website
- Database Creation
- Database Maintenance
- Front/Back-end Communication
- Security for Users and Clients

**Reflection**  
in list Sprint Backlog @

MEMBERS: CB EM JL KB OG +  
LABELS: Pass +

**Description** Edit

As a group, provide a reflection on the activity using the what, so what, now what framework. Your reflection should also reflect on your group communication and teamwork.

Reflection document:  
[https://docs.google.com/document/d/16QcQVIE2BfDotN4Xea17oSzcgUH9knr8b\\_SjivFPQ3k/edit?usp=sharing](https://docs.google.com/document/d/16QcQVIE2BfDotN4Xea17oSzcgUH9knr8b_SjivFPQ3k/edit?usp=sharing)

☒ **Checklist** Delete

0%  
☐ Completed Reflection.

**+ User stories**  
in list Doing @

MEMBERS: CB OG +  
LABELS: Distinction +

**Description** Edit

At least two user stories need to be defined and all possible features should be extracted from user stories

☒ **User Stories** Hide completed items Delete

67%  
☒ User Story-1  
☒ User Story-2  
☐ All possible features of User Story 1 & 2 extracted.

**+ Story Points**  
in list Doing @

MEMBERS: CB EM OG +  
LABELS: High Distinction +

**Description**

Add a more detailed description...

☒ **Checklist** Hide completed items

25%  
☒ Each feature needs to be assigned a story point.  
☐ Discuss how you have come up with and assigned user story points  
☐ Need to clearly specify what your definition of "1 point" is and what's the difference between for example a feature with 2 points and a feature with 4 points.  
☐ There should be a balance of user story points assigned to users, i.e. all users must have close to similar total user story points assigned to them for the duration of each sprint.

**Trello screenshots sprint 2:**

The image displays five Trello cards from a board named 'Product Backlog'. Each card has a title, a description, and a checklist. The cards are:

- + Brief Opening of project design and implementation**: Description: 'Provide a 100-200 word opening on how we plan to design and implement Project A'. Checklist: none.
- + Technology Stack A**: Description: 'Add a more detailed description...'. Checklist: 'Plan A' with items: 'Identify the programming language/paradigm', 'Databases to be created', 'Front-end/back-end technology to be used (including mock UI/UX designs)', 'Communication between front-end and back-end', 'Security measures for the system', 'Data storage plans and schemas'.
- + SWOT Analysis**: Description: 'Perform SWOT analysis for Plan A and Plan B'. Checklist: 'SWOT' with items: 'Identify Strengths, Weaknesses, Opportunities, and Threats', 'Identify risks that each technology may or may not be suitable', 'Identify any situations that may require technologies from both technology stacks'.
- + Justifications for Plan A and Plan B**: Description: 'Provide a justification for technologies chosen in both Stacks. For example a table for comparison - text or creatively displayed'. Checklist: 'Justification' with items: 'How do they fit in with certain requirements that have been set by the group?', 'Are the technologies available to use?'.
- + Technology Stack B**: Description: 'Provide an alternative technology stack that is more than 60% different to Plan A'. Checklist: 'Plan B' with items: 'Identify the programming language/paradigm', 'Databases to be created', 'Front-end/back-end technology to be used (including mock UI/UX designs)', 'Communication between front-end and back-end', 'Security measures for the system', 'Data storage plans and schemas'.

Each card also shows members (CB, EM, JL, KB, OG) and labels (Pass, High Distinction, Distinction, Credit).

+ Frontend planning

in list Product Backlog

MEMBERS

KB +

LABELS

Description Edit

By planning out the website and creating designs it will ensure all the features requested by the client will be implemented.

Checklist Delete

0%

☐ Home page design layout

☐ Sign up/Login in page design layout

☐ User's account page design layout

☐ Contact page if required by the client design layout

+ Backend database planning

in list Product Backlog

MEMBERS

OG +

LABELS

Description Edit

Tasks to be completed that help with the design and implementation of the database needed for the website

Checklist D

0%

☐ Create Business Rules

☐ Create a Data Dictionary

☐ Create an ER diagram showing the table names, attributes, keys, and the relationship between the tables

+ Website security

in list Product Backlog

MEMBERS

CB JL +

LABELS

Description Edit

The security analysts will need to identify standards that outline security measures needed for websites storing personal information.

Checklist Delete

0%

☐ Secure login e.g. HTTPS implementation

☐ Secure method for resetting passwords e.g. link personal E-mail and mobile number

+ Client meeting

in list Product Backlog

MEMBERS

KB +

LABELS

Description Edit

The purpose of this meeting will be used to discuss the progression of the project and occurs after the frontend and backend planning stage.

Checklist Delete

0%

☐ Ask for feedback from the client

☐ Inquire about additional features the client may want

☐ Suggest any changes the team may have

+ Sprint Retrospective 3

in list Product Backlog

MEMBERS

CB EM JL KB OG +

LABELS

Description Edit

Complete Retrospective 3 after Sprint 3 is completed.

Checklist

0%

☐ Discuss tasks that went well

☐ Discuss issues the team had

☐ Discuss the key elements from the client meeting and how these will be applied to the project

+ Website creation part 1

in list Product Backlog

MEMBERS

KB +

LABELS

Description Edit

This task includes the initial creation of the web pages for the website. At this stage the web pages don't need to include all features but need to include basic functionality.  
For example, consistent colour scheme and CSS styles throughout the website, navigation bar on each page including working links to other pages.

Checklist Delete

0%

☐ Home page - includes website name and search field functionality

☐ Contact page - include the client's contact information

☐ Sign up/Login in page design layout - just the layout is needed, doesn't need to include functionality yet

☐ User's account page design layout - basic design is only required

+ Website creation part 2

in list Product Backlog

MEMBERS

CB JL KB +

LABELS

Description Edit

This task includes continuing implementation of the web pages for the website. It will require more effort due to the security needed for the web pages.

Checklist Delete

0%

☐ Home page - add in any suggestions from the client

☐ Contact page - add in any suggestions from the client

☐ Sign up/Login in page - communicate with security analysts to understand the security measures for the website and ensure correct implementation of these

☐ User's account page - appropriate security measures need to be applied to this web page too

+ Backend database development

in list Product Backlog

MEMBERS

OG +

LABELS

Description Edit

The creation of the database will be based off the database planning that has previously been completed. There will include the creation of the tables including junction tables and then inserting data about recall and issues

Checklist Delete

0%

☐ Create tables and junction tables

☐ Insert currently known data into the database

**User Stories and Story Points:**

User stories	Features	Story Point	Discussion	Person allocated
As a user I want to create an account so that I can register my car(s)	Secure webpage for the user to create an account with a username and password	3	The creation of the sign up/log in webpage requires several smaller tasks to be completed by multiple members of the team. This includes the frontend developer designing the webpage and the security analysts determining safety measures and requirements for collecting and storing passwords and personal information. Some of the information will also need to be added into the database, which will be implemented by the backend developer.	Kynan Jidong Cynthia
	Secure webpage for the user to add the details of their car(s) to their account	2	This feature will require information from the user to be stored inside the database. The input will have to be secured both in transit and at rest.	Olivia Jidong
As a user I want to fill in a web form (that searches the database) so that I can know if the make and model of my car has any issues or recall notices	Webpage that displays the input fields for car make and models (including make, model, year, name)	2	This feature will require the frontend developer to create the webpage and the input fields, which will query the database created by the backend developer. The scrum master could further communicate with the client to determine if there are additional features they could apply such as searching for multiple cars at once.	Kynan Elliott
	Display any new recall or issues that match the user's search query	2	Both the frontend and backend developer will have to ensure communication exists between the user's query and the database so the correct information is output to the user's screen. This feature does not require much implementation as it is querying existing data.	Kynan Olivia

As a user I want to have an account so that I can be informed (sent a notification) when a new recall or issue is added to the database that matches my car(s) make and model	Send a notification to users via their preferred contact method when their registered vehicle(s) matches a new recall or issue	4	The method of notifying users about recall and issues was not specified by the client so the scrum master could request to meet with the client to determine the platform, for example through email or text message. To implement this feature, the team may be required to seek out additional support or resources to create a distribution list based on the user's existing cars and new recall and issues that arise.	Elliott Olivia Cynthia
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### ***Story Point System:***

The story point system is based on a 1-5 point rating which is a representation on both how much attention and time the expected delivery of the task would be from creation, implementation and completion. The criteria of how we have appointed the number system is based on how much time the team perceives we need, how intricate the task is, and finally how important the task is by the effect on the parties involved.

An example of a 2-story point is if the team was given the task for a pop-up banner asking for cookie acceptance due to the general data protection regulation. This would be able to be created quite quickly with enough direction from the client, for example if they would like the script to deviate from the standard text on most websites. Depending on the requested design, the team would be able to create a banner that is on-brand for the client and it would only affect the client and browsers of the website (not necessarily the users).

An example of a 5-story point would be a client who wanted to create a bidding website with a secure backend protecting banking details stored within the sites database. The intricate nature of a secure website would push the number up to a 2 broadly, however including mass users (estimation) the number would rise to 3. Additionally, the time needed to perfect and troubleshoot how secure the backend would be will raise the number again. Finally, the outcome of the task would affect the client and users, and because it would be competing with other websites available to users, the group would need to devote more time to ensure the site is of the highest standard.