William Prodinger: 4/03/25 (3:00pm - 3:05pm) 5 mins

- I opened up the assessment task notification and flicked through the requirements needed for my project and brainstormed some ideas. My current idea is to make a car selling app similar to Carsales, with price, year, brand, etc in order to provide users with the ability to browse cars without having to leave their couch.

William Prodinger: 5/03/25 (2:30pm - 3:00pm) 30 mins

- I began initialising my Visual Studio project, by following the steps on the Appendix of the assessment notification. I got up to completing tests for the database file and SQL queries (pg 10).

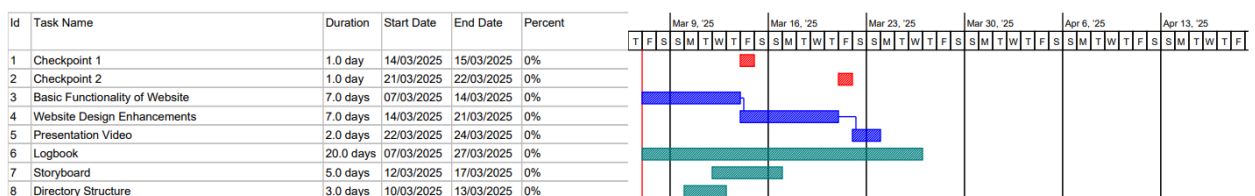## William Prodinger: 6/03/25 (3:40pm - 3:45pm) 5 mins

- Added Github Repository for AST2 project for an off site backup.

William Prodinger: 6/03/25 (3:50pm - 5:50pm) 120 mins

- Continued with steps on appendix and created a company name and logo. I decided to name the company after utilising the free Shopify company name generator (https://www.shopify.com/au/tools/business-name-generator?term=company%20name%20generator&adid=676700181577&campaignid=15439901951&utm_medium=cpc&utm_source=google&bucket=branding_generator&gad_source=1&gclid=CjwKCAiAiaC-BhBEEiwAjY99qLEQofpE9sDauORXiwwj5TQwOJcAZbxtpTVtSUxF5h884aMReTdw3hoCwO0QAvD_BwE&cmadid=516752911;cmadvertiserid=10730501;cmcampaignid=26990768;cmplacementid=324495076;cmcreativeid=163722649;cmsiteid=5500011) which generated the name Motormate.
- I designed the logo,
    - https://au.pinterest.com/pin/308004062029595027/
- I got the server to run for the first time and added my logo and colour styling to the preset index.html file.

William Prodinger: 7/03/25 (5:00pm - 5:40pm) 40 mins:
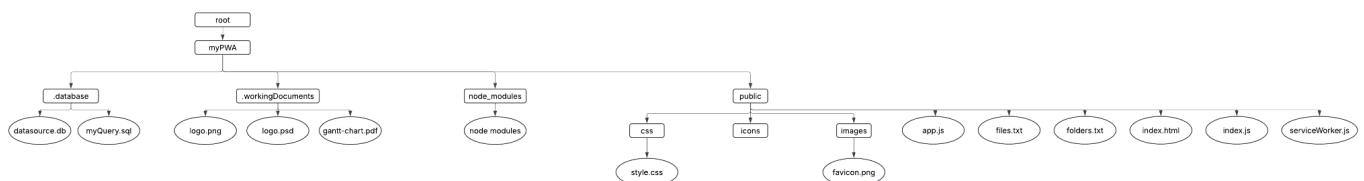
- Finished First Version of Gantt Chart.

Id	Task Name	Duration	Start Date	End Date	Percent
1	Checkpoint 1	1.0 day	14/03/2025	15/03/2025	0%
2	Checkpoint 2	1.0 day	21/03/2025	22/03/2025	0%
3	Basic Functionality of Website	7.0 days	07/03/2025	14/03/2025	0%
4	Website Design Enhancements	7.0 days	14/03/2025	21/03/2025	0%
5	Presentation Video	2.0 days	22/03/2025	24/03/2025	0%
6	Logbook	20.0 days	07/03/2025	27/03/2025	0%
7	Storyboard	5.0 days	12/03/2025	17/03/2025	0%
8	Directory Structure	3.0 days	10/03/2025	13/03/2025	0%

William Prodinger: 7/03/25 (6:00pm - 6:10pm) 10 mins:

- I began working on the directory structure using the Visual Studio Code file explorer to assist.
- I researched what symbols to use for the diagram and believe it is rectangles for folders and circles for files, I was unsure as I could not find details in the course specifications.

-

William Prodinger: 10/03/25 (9:30am - 10:45am) 75 mins:
- I worked on the simple design elements for the car listings on the home page. I had to research many new CSS properties and work out how they interacted with the elements.
- I created a base database structure with the car-listing table with attributes such as carYear, carModel and bodyType.
- Now I am trying to implement the database into the car listing on the webpage instead of hard coding them. I won't let me install the SQLITE 3 module and I suspect it is the school network preventing those downloads so I will attempt it when I get home.

William Prodinger: 10/03/25 (11:20am - 11:55am) 35 mins:
- I added the car details to the elements for car listing on the home page.

William Prodinger: 10/03/25 (6:15pm - 6:50pm) 35 mins:
- The SQLITE 3 download worked and can now read the database, I am trying to implement it into the car listings on the home page.

William Prodinger: 11/03/25 (4:30pm - 6:00pm) 90 mins:
- I figured out how to implement the data from the database onto my html page.

William Prodinger: 11/03/25 (6:30pm - 7:30pm) 60 mins:
- I got the elements to loop through all rows in the database and display listings.
- I added the fields 'transmission' and 'carID'.
- When a user adds a car, the image will be stored in a folder instead of a database and will be named based on the carID. I will be working on a form to add a car listing to the database.
- When the server starts, I added a check to see if the required table exists in the database and if it doesn't it creates the required table and columns.
- I am now working on image storage.

William Prodinger: 12/03/25 (3:00pm - 3:15pm) 15 mins:
- I have got the image storage to work in a separate folder however the styling of the image is still not quite right.
- I just had to remove the 'object-fit: cover;' line and that fixed the image styling.
- I now have to work on a form to allow the user to sell their cars and add rows into the database based on their inputs.

William Prodinger: 13/03/25 (3:10pm - 3:20pm) 10 mins:
- I finalised all the required elements for the checkpoint 1 submission.

William Prodinger: 14/03/25 (10:00am - 10:45am) 45 mins:
- I am currently working on the sell form to allow users to add rows into the database based on the inputs.
- I also added some simple css design for the sell form.
- Next I will work on SQL queries to store inputs into the database.

William Prodinger: 15/03/25 (9:00am - 11:00am) 120 mins:
- I am currently trying to get the inputs of the form into a javascript variable so I can then add it to the database.
- I got the inputs to all go into the database and I am now working on saving images in the image folder.

William Prodinger: 15/03/25 (11:20am - 1:00pm) 100 mins:

- I finally got the input image to save into the server directory. I had to use many tutorials and chatGPT to get the correct functionality.
- I now have to name them correctly based on entry id so they can be displayed on the listings.

William Prodinger: 15/03/25 (1:30pm - 2:30pm) 60 mins:

- I finally got the images to load correctly and can now be displayed on listings.
- I am now working on refreshing the listings by querying the database every time the page is reloaded.

William Prodinger: 15/03/25 (7:15pm - 8:00pm) 45 mins:

- I cleaned up the code for easier debugging.
- I also added a preview for the image upload to allow users to see if the image they have uploaded is correct.

William Prodinger: 18/03/25 (3:50pm - 4:05pm) 15 mins:

- I began working on the search functionality within the buy webpage.

William Prodinger: 18/03/25 (6:20pm - 8:00pm) 100 mins:

- I began working on the search functionality within the buy webpage.
- I am having trouble sending the data to the server for processing with the database.
- I keep getting undefined for the form values, will work on this later.

William Prodinger: 19/03/25 (3:00pm - 3:15pm) 15 mins:

- I am working on a way to reload the database every time the website refreshes.
- I am having some problems with my read_database function as it returns undefined even when a value is defined inside the function.