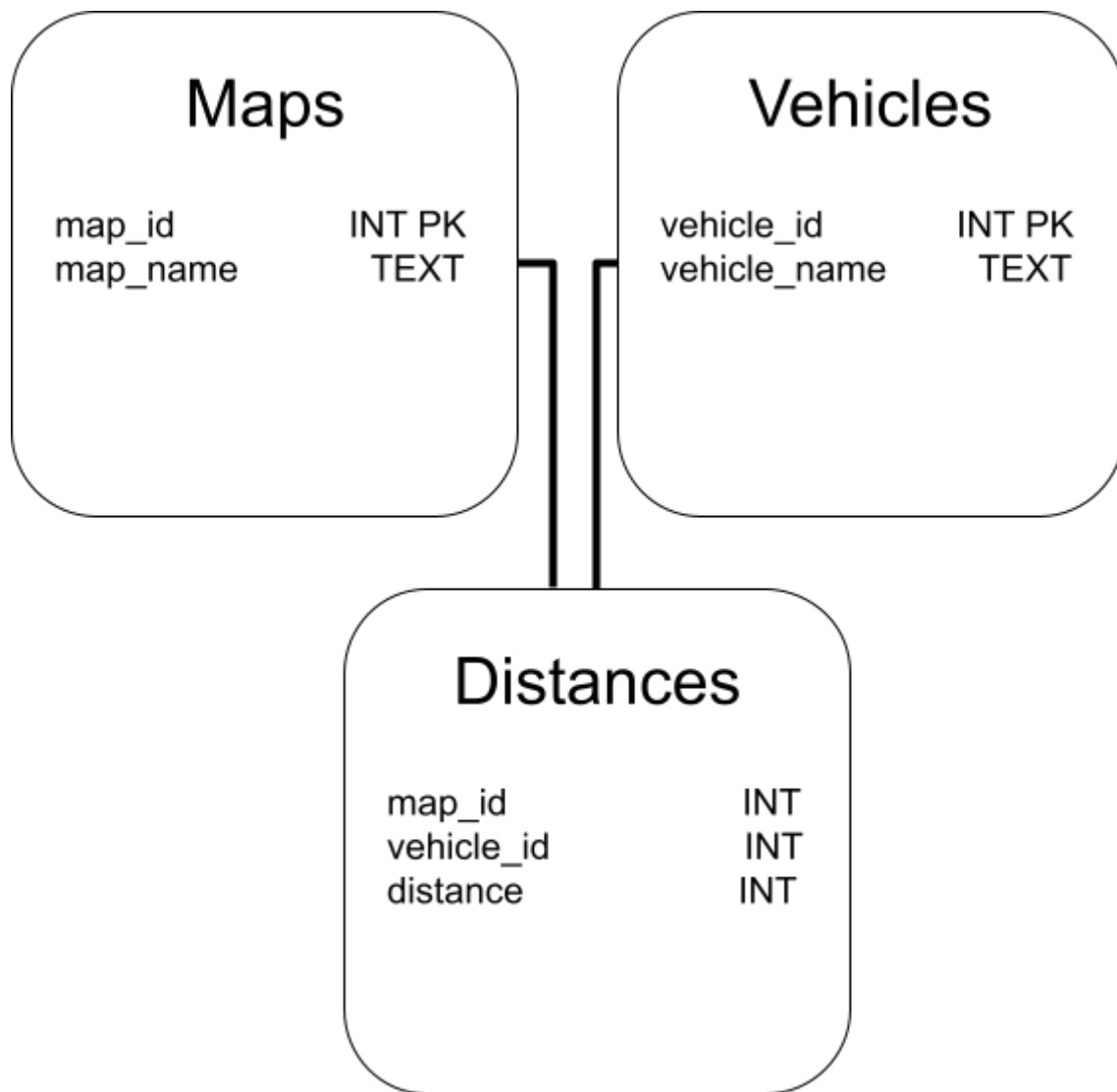


## Feedback

	What the users wanted changed	Whether I changed it or not and why
First Non-Programmer	Add a help or information section so any user knows how to use the web app instead of assuming they can work it out themselves.	This was a very useful piece of feedback because it's not super obvious how to use my web app so this helps people who might get lost. So I implemented a section on the right side of the information page that explains what the web-app is for and how to use it.
Second Non-Programmer	Restyle the navigation bar so it is easier to tell what are links and where they go.	I increased the size and added a button-like look to make them feel more like links.
First Programmer (Arush)	Make the Navigation bar stay on the page when scrolling so that the user doesn't need to scroll back up to the top to move between the pages	I changed the navigation bar to stay fixed on the page because it was only 1 line of code and is better for HCI.
Second Programmer	Add some colour to the "Overall Progress" section because it is quite boring compared to the other parts of the page	I added a semi transparent gradient as the background to give it a little bit of colour.

## ER Diagram (Updated)



I changed the structure of the ER diagram so that only 1 value needs to be inserted into 1 table which decreases the risk of some illegal values getting into the maps or vehicles tables and breaking the database.

## Testing:

What did I test?	How did I test it?	What did I expect?	What I got	Pass or Fail
I tested if the form inserted my choices into the	I selected countryside for the map, and scooter for the	I expected the distance value to be displayed on	9618 in the same column as scooter, and the same	Pass

database	vehicle and chose a distance of 9816	the second row, third column	row as countryside, output: Distance: 9816 Map: Countryside Vehicle: Scooter Inserted/Replaced	
I tested if entering a letter for the distance gets inserted into the database	I changed the input type to text and wrote TEXT. I also selected a random map and vehicle	I expected the insertion to fail as the back end validation should catch the distance not being a number	The insertion failed and it was not displayed on the spreadsheet or delete table Output: Distance isnt a number	Pass
I tested if entering a number higher than 10000 and also lower than 0 will get inserted	I removed the maxlength and minlength from the html using the inspect tool and set it to 100000 and then tried -283	I expected the backend validation to catch both of them as they are not in between 0 and 10000	The insertion failed as expected and was not displayed on the spreadsheet or delete table and output: Not in between 1 and 10,000	Pass
I tested if changing the value of maps in html affected the insertion into the database	I used the inspect tool to change the value to Banana, set the vehicle to bus and a distance of 1092	I expected the backend validation to catch it because Banana isn't whitelisted in the backend for eligible maps	The insertion failed and was not displayed on the spreadsheet or delete table, output: Distance: 1092 Map: Banana Vehicle: Bus Not whitelisted	Pass

I tested the same thing for the vehicles option	I changed the value of the first vehicle using inspect to Orange	I expected the backend validation to catch it because Orange isn't whitelisted in the backend for eligible maps	The insertion failed and was not displayed on the spreadsheet or delete table, output: Distance: 1092 Map: Countryside Vehicle: Orange Not whitelisted	Pass
I tested if the amount of total stars in 1 map matches the sum of all vehicles in that map on the progress boxes for maps	I added 10,000 as the distance for every vehicle in the first map(countryside)	I expected the progress bar to be 100%, full, and have 310,000/310,000 underneath	The bar was completely full and said 100%. The number underneath said exactly 310,000/310,000	Pass