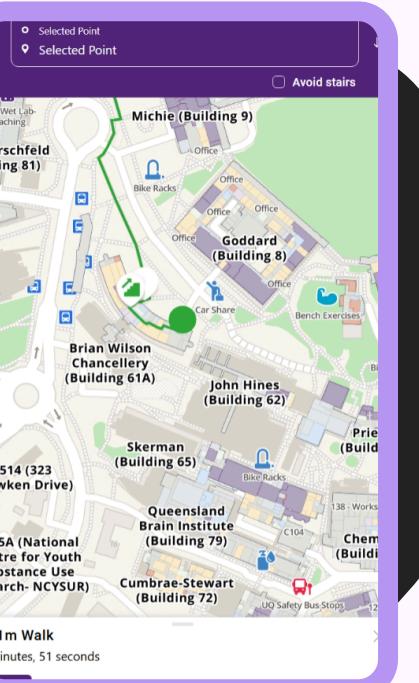


# YOUR CAMPUS WAPPOINT COMPANION!

## UQ Maps

Currently UQ's own map application is being received poorly as it is averaging 1.4/5 stars on Apple's marketplace.

UQ Maps. (2025). UQ Maps [Screen Shot]. <https://maps.uq.edu.au/>



## Google/Apple

While Google and Apple offer better services than the custom UQ map, they lack the accuracy and personalization required for a campus specific navigation app

Google Maps. (2025). Google Maps [Screen Shot]. <https://www.maps.google.com/>



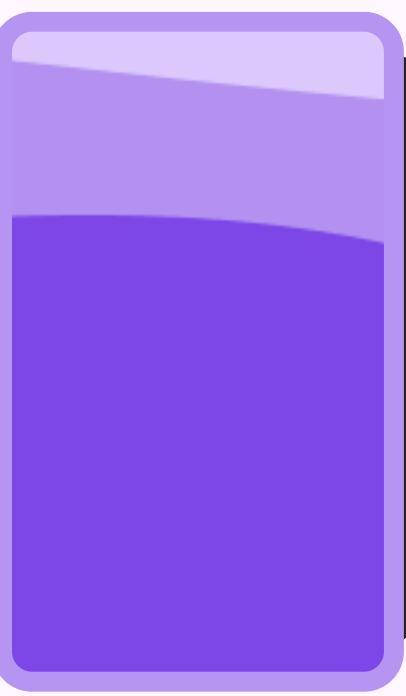
## Audience

Waypoint targets new students and visitors as it was found that they typically struggle at navigating the campus.



## Theme

A similar theme was used to that of the University of Queensland to clearly represent the intended use of the website.



## Technologies

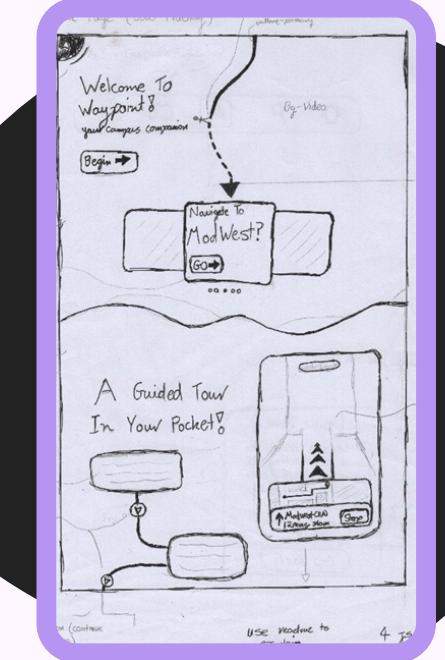
Various technologies were used such as AR.js, Framework7, Vite, WebXR, Mapbox, and of course HTML, CSS and JS.

Mapbox. (2025). Mapbox [Logo]. <https://www.mapbox.com/>



## Low Fidelity

The Low designs introduce the basic layout and ideas for each page inline with Neilson's Heuristics.



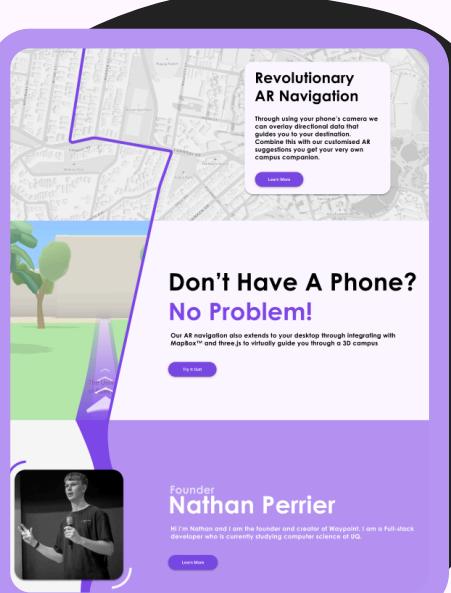
## High Fidelity

The high fidelity designs utilised colour, fonts, images that were introduced in the theme of the website.



## Reflection

How to make a global config file that initialises on website start. And API cost management such as debouncing.



## Future Work

Indoor navigation support with AR-Slam and more pages like 'About Me' and 'Contact'.



## Alterations

Use of Bootstrap or Tailwind for better formatting and responsiveness.

