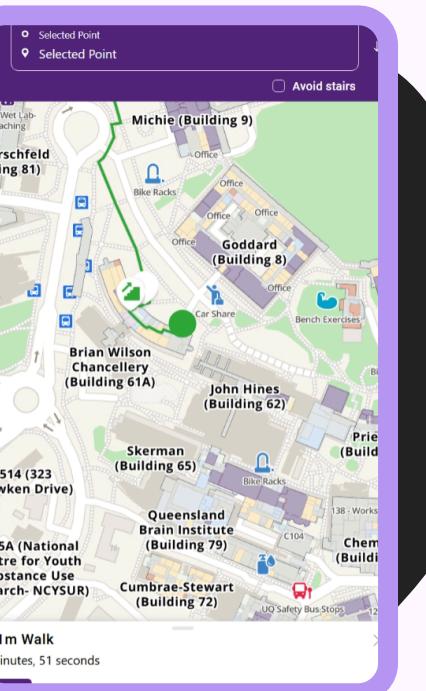


YOUR CAMPUS WAPPOINT COMPANION!

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/>



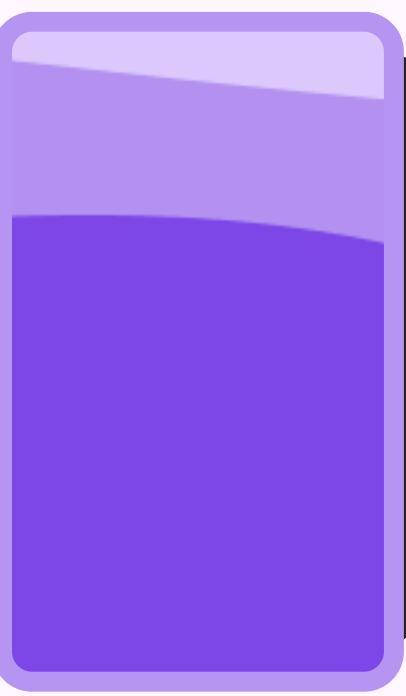
Audience

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



Theme

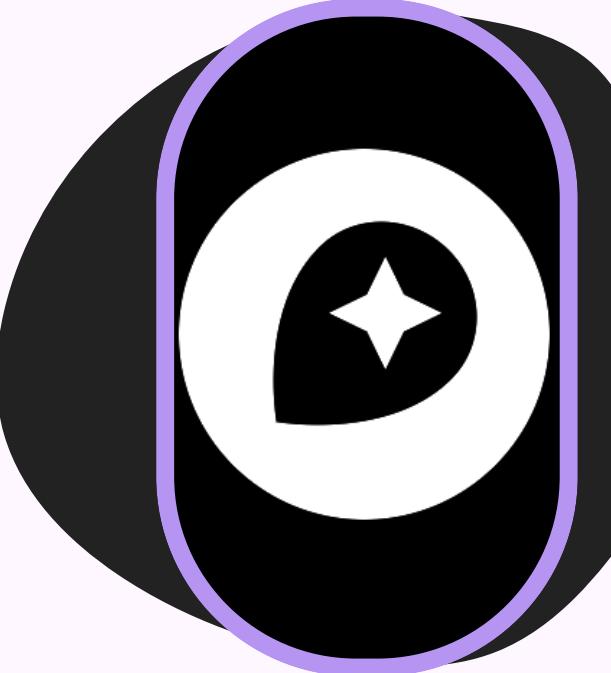
A similar theme was used to that of the University of Queensland to clearly represent the intended use of the website.



Technologies

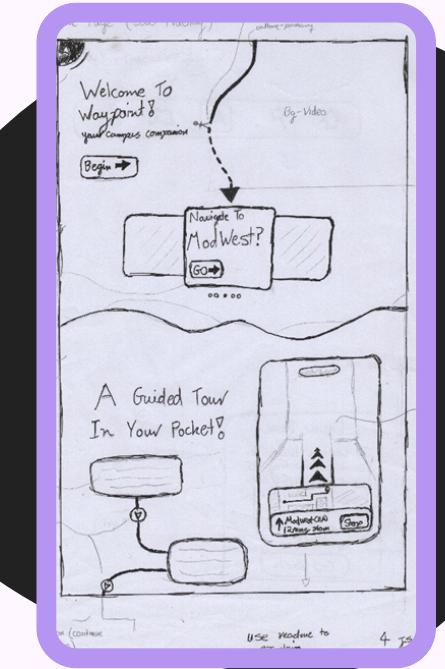
Various technologies were used such as AR.js, Framework7, Vite, WebXR, Mapbox, and of course HTML, CSS and JS.

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



Low Fidelity

The Low designs introduce the basic layout and ideas for each page like the use of the mobile design language.



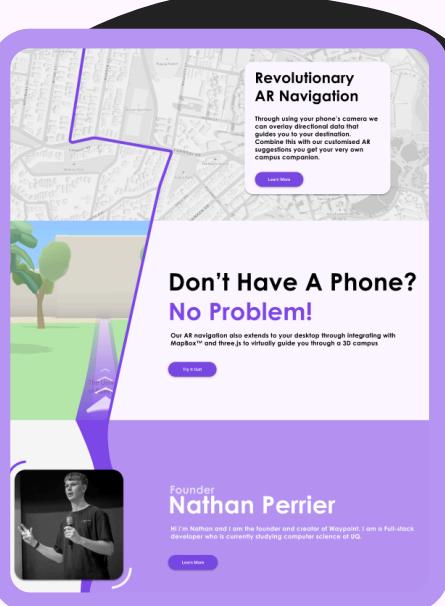
High Fidelity

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.

