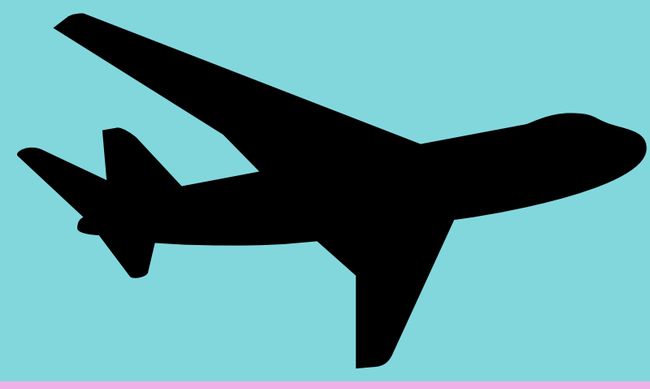
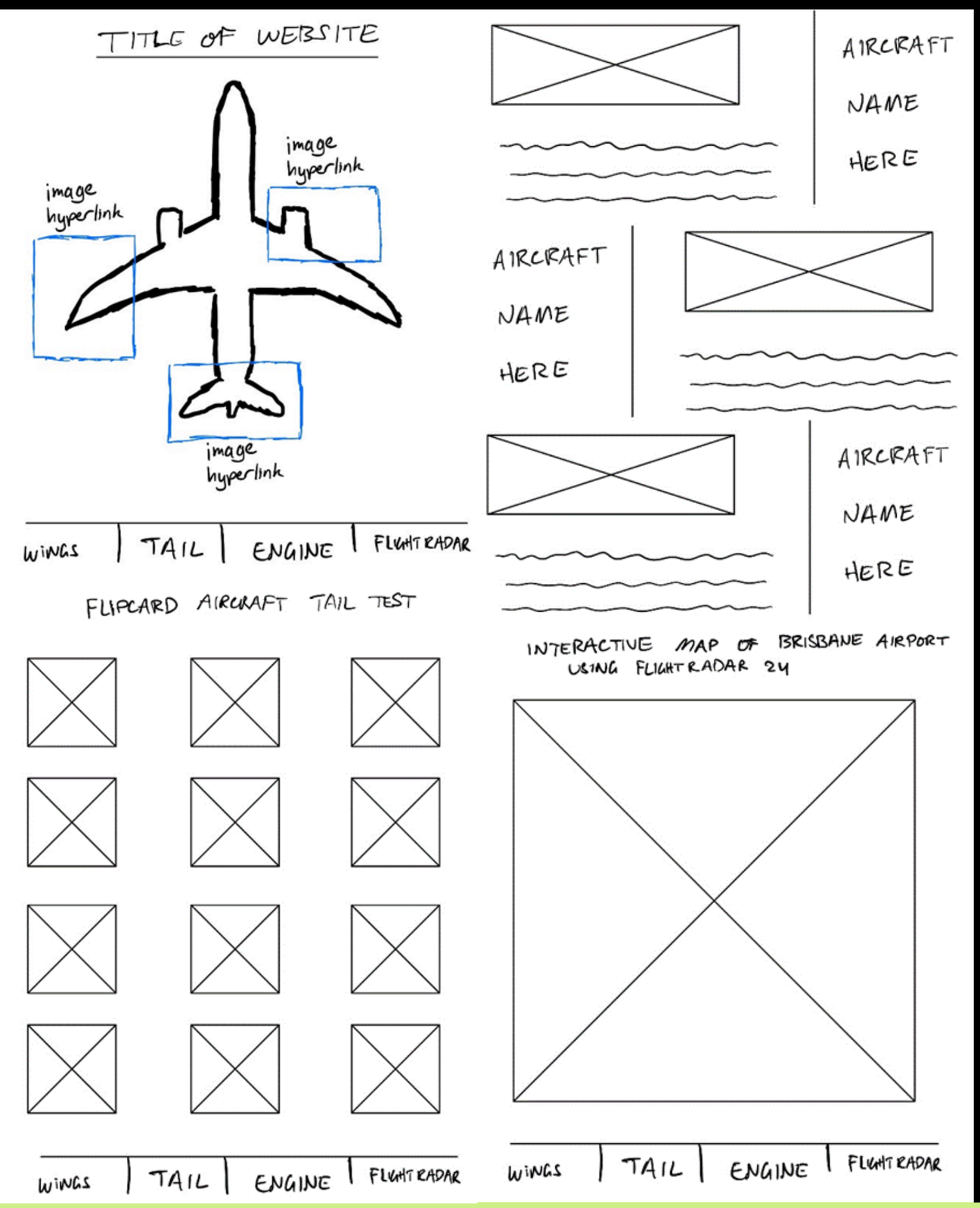
Identify commercial aircraft at Brisbane Airport



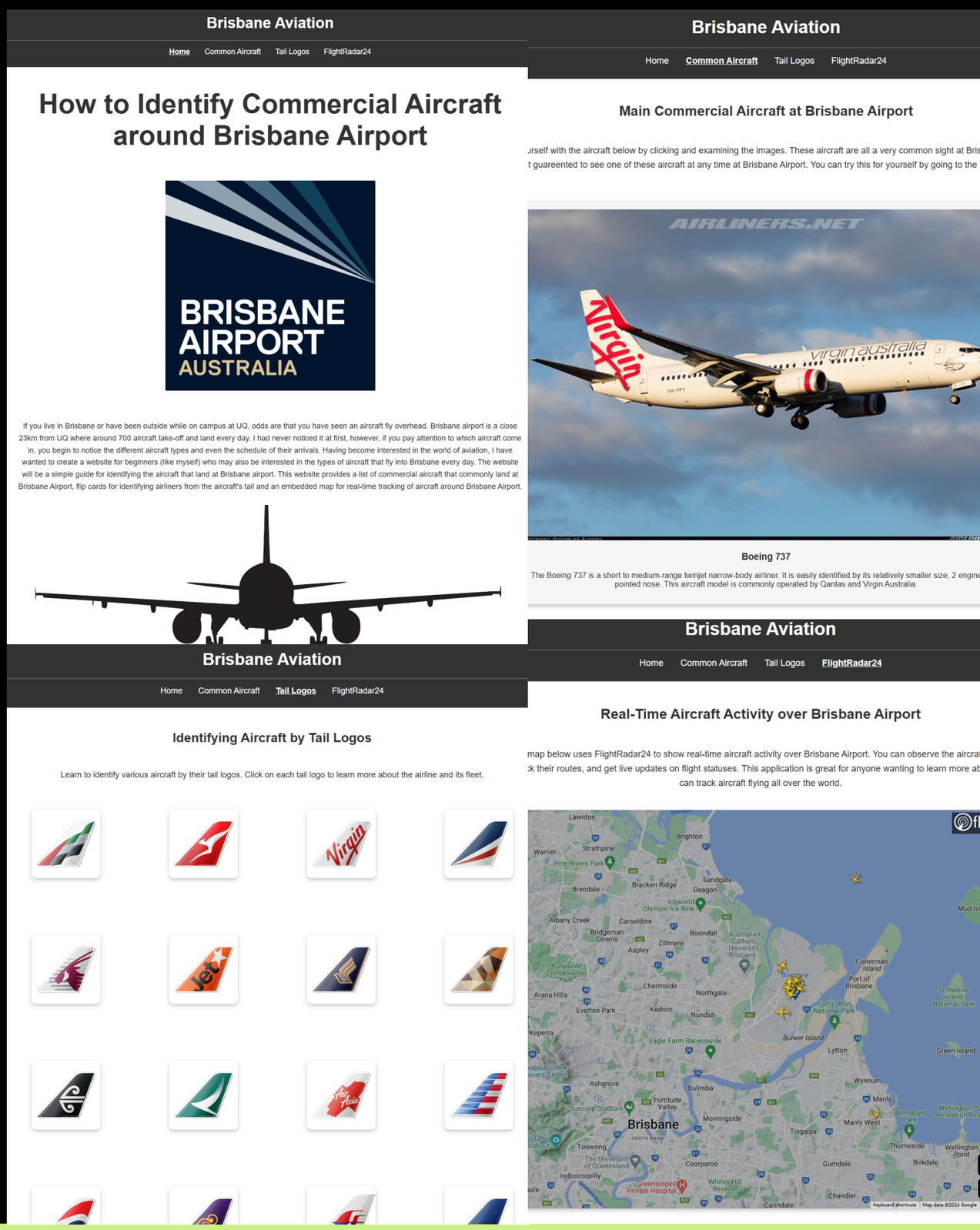
PURPOSE

If you live in Brisbane or have been outside while on campus at UQ, odds are that you have seen an aircraft fly overhead. Brisbane airport is a close 23km from UQ where around 700 aircraft take-off and land every day. I had never noticed it at first, however, if you pay attention to which aircraft come in, you begin to notice the different aircraft types and even the schedule of their arrivals. Having become interested in the world of aviation, I have wanted to create a website for beginners (like myself) who may also be interested in the types of aircraft that fly into Brisbane every day. The website will be a simple guide for identifying commercial aircraft that land at Brisbane airport. This website will provide a list of commercial aircraft that commonly land at Brisbane Airport, cards for identifying airliners from the tail logo and an embedded map for real-time tracking of aircraft around Brisbane Airport.

PROTOTYPE



WEBSITE



FEATURES

The website will provide users with the ability to identify the main commercial aircraft that land at Brisbane Airport daily. The information about commercial aircraft and the airliners that run them will be presented in a fun, simple and concise manner and include an embedded flightradar24 map for identifying aircraft landing at Brisbane airport in real time.

REFLECTION & FUTURE WORK

During the design of this website, I have learnt valuable lessons in understanding usability heuristic #3: User control and freedom. When you use websites every day that are professionally built, you know how to navigate them well, and they are designed this way. Learning how to design websites myself meant that I had to implement these same usability heuristics. Learning how to implement them and learning about their importance has been a valuable lesson for myself. If I had more time, I would like to go into more detail about the aircraft models. Even though I have presented the main commercial aircraft families, within the families themselves are more aircraft variants. Learning how to differentiate them is a fun learning experience for aviation lovers. This is done by examining the aircraft components such as the landing gear, wing shape and seating capacity. This is an enhancement that can be added into the website. For example, within the page that shows the aircraft models, users can click on the aircraft to be brought to another page where the user can read in detail about the different components of that particular aircraft. I would even love to add a 3D-model of the aircraft that users can interact with to view the details of the aircraft up close. How cool would that be!