

Tasks List:

1. Add the starting point

Participant should determine the exact the start location which is '4 Defries Ave, Zetland'.

2. Add the destination

Participant should add 'The university of Sydney, Camperdown' as the destination.

3. Choose the transportation – Bus

Participant should choose bus as the preferred transportation.

4. Start the navigation – Bus

Participant should choose the route with the shortest time duration and start navigating.

5. Save the trip/ Put the trip in the bookmark

Participant should save the trip in the 'Opal Travel' and save as bookmark in the prototype.

6. Choose the transportation – Drive

Participant should choose drive as the preferred transportation with the same setting of starting point and destination.

7. Start the navigation – Drive

Participant should choose the route with the shortest time duration and start navigating.

8. End the navigation

Participant should end the navigation after successfully starting the navigation whatever the transportation is.

9. Search the bus information

Participant should see the bus information including whether it is crowded or when it will arrive.

Instructions for experimenter:

Hi __, welcome to the experiment. Before it starts, you have read the PIS form and PCS form carefully and sign in the PCS form. After that, we will collect some basic personal details from you. For sure, your recorded personal details will not be revealed to others.

Let's start the experiment, we will firstly give you 2 minutes for preparation, you can take a rest with your eyes and we will give you 10 minutes to be familiar with the app 'Opal Travel' and play around with it. After that, you will have a series of activity related about using 'Opal Travel' and its function. In the process, your behavior and motion will be recorded as paper writing for experiment but just take it easy. We will not do audio recording or video recording.

Participant 1 task sequence: 1 – 2 – 3 – 9 – 5 - 4 - 8 – 6 – 7 – 8

Participant 2 task sequence: 1 – 2 – 6 – 7 – 8 – 3 – 5 – 9 – 4 - 8

Participant 3 task sequence: 1 – 2 – 6 – 5 - 7 – 8 – 3 – 9 – 4 – 8

The first phase is ended. You can have a 5 minutes break and we will give you another 10 minutes to familiar with our prototype and play around it. After that, you will have a series of activity which is similar as the last one.

Participant 1 task sequence: 1 – 2 – 6 – 7 – 8 – 3 – 5 – 9 – 4 - 8

Participant 2 task sequence: 1 – 2 – 6 – 5 - 7 – 8 – 3 – 9 – 4 – 8

Participant 3 task sequence: 1 – 2 – 3 – 9 – 5 - 4 - 8 – 6 – 7 – 8

Finally, we'd like to hear some feedback from you about the trial and thanks for your contribution in the experiment. You can simply click in the feedback form and free to go.

Opal Travel app

prototype

	Time taken	Errors make	Time taken	Errors make
Participant 1	3.00 minutes	3	2.48 minutes	5
Participant 2	3.15 minutes	5	3.11 minutes	5
Participant 3	1.58 minutes	2	1.30 minutes	3