

# PARK IN PEACE

## Wireframes & Storyboarding

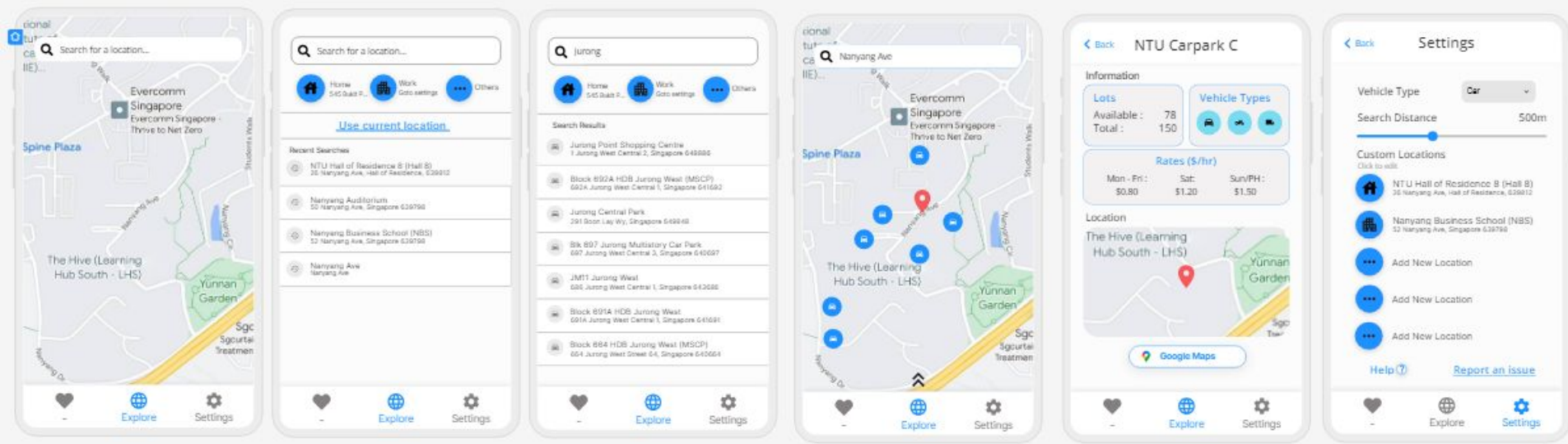
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**rev**  
20230907001

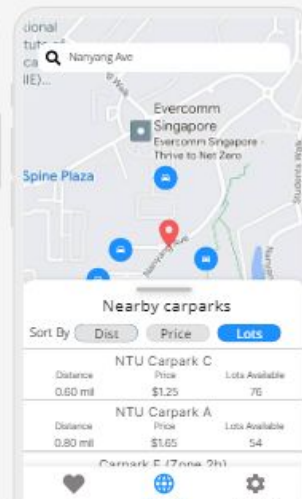
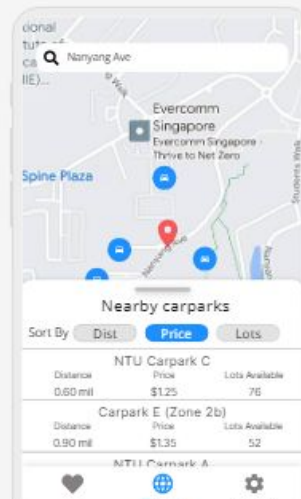
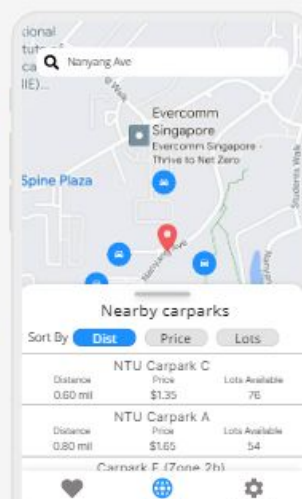
**changes**  
*Initial version for Lab 1*

**author**  
Gordon Ramsey

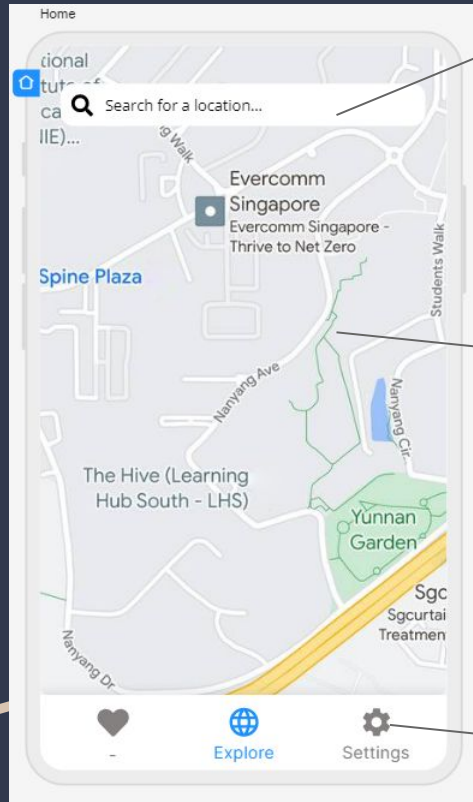


# PROTOTYPE

<https://app.uzard.io/p/dc22d776>



# Home Screen



1

Brief: The screen where users will land on when opening the app

Visuals:

- System shows map centered at user's current location

Actions:

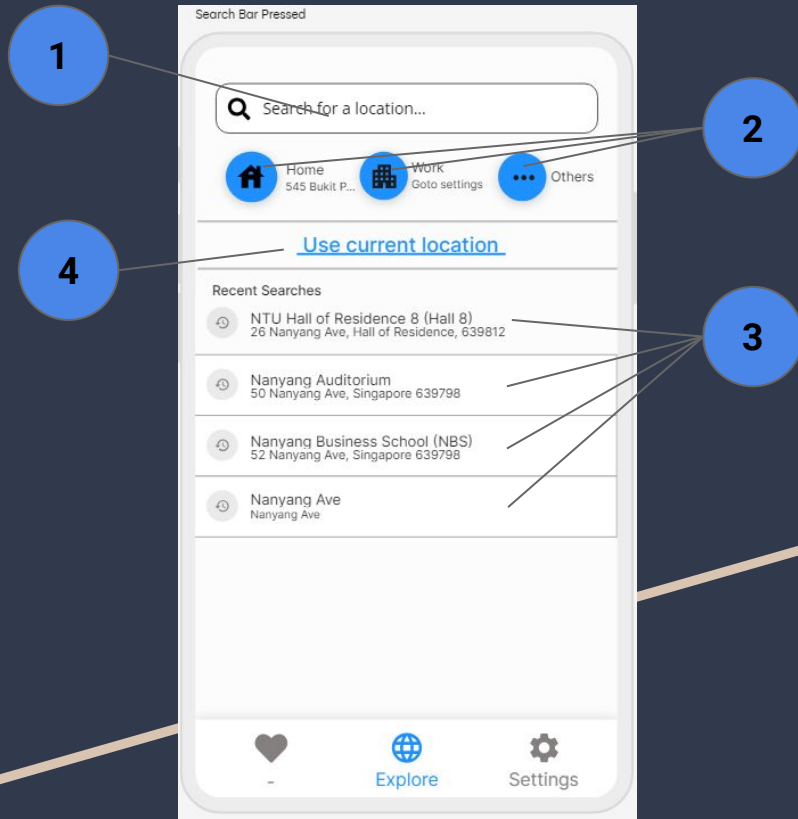
- 1) Search for a location
- 2) Go to the *Settings* page
- 3) Pan and browse the map

3

2

Comments: The icon for heartshape is undetermined as we might add several features later on, the scope should be controlled mainly on the main features of the app at the moment.

# Search bar pressed



Comments: The UI page for others is yet to be determined as it depends on the number of custom locations allowed

Brief: The screen after pressing the search bar

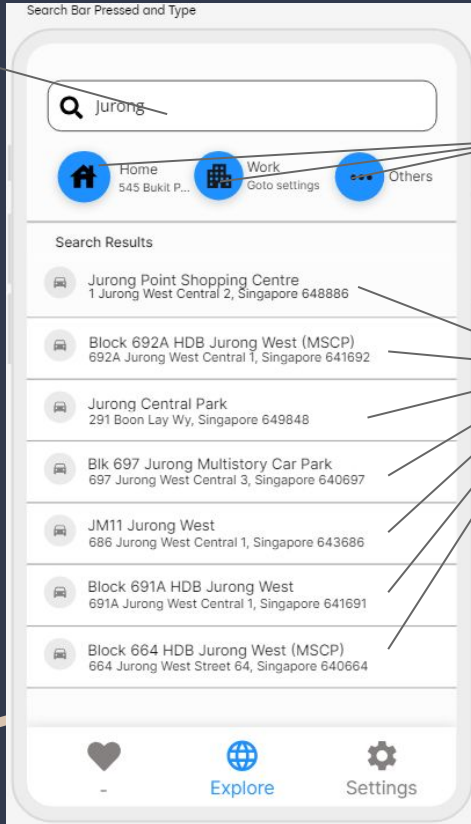
Visuals:

- System shows recent searches as a list of results

Actions:

- 1) Search for a location
- 2) Use previously saved custom locations as destination
- 3) Click on prompts under *Recent Searches* to use previously searched destinations
- 4) Click on the *Use current location* button to display car parks near current location on the map

# Search bar when typing



Comments: The UI page for others is yet to be determined as it depends on the number of custom locations allowed

Brief: The screen when the user types into the search bar

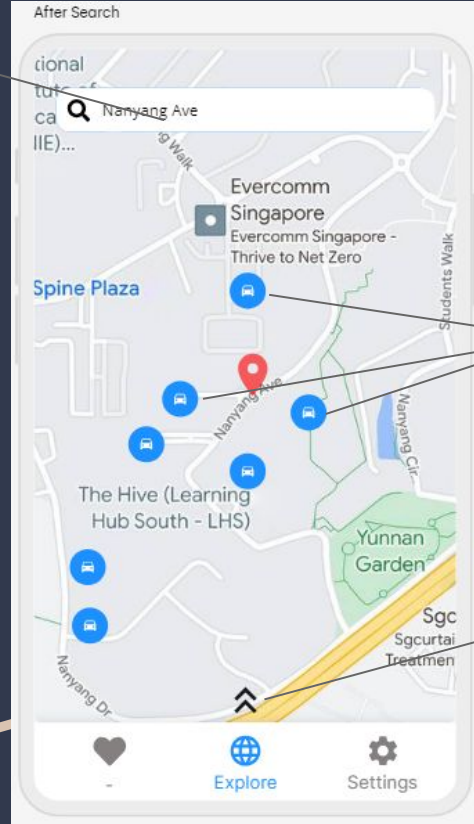
Visuals:

- System shows the input by user as a list of results

Actions:

- 1) Type into the search bar to search for locations
- 2) Use previously saved custom locations as destination
- 3) Click on any of the prompts under *Search Results* to be used as destinations

# After searching



Comments: The blue pins turn grey when nearby car parks have no available lots. Also might need a center map button to allow map to centralise around searched location

Brief: Screen after the user searches for a location

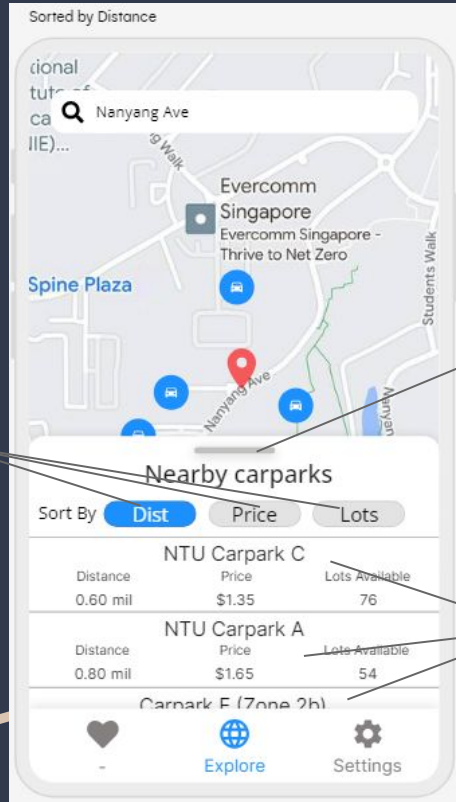
Visuals:

- Red pin to show user's searched location
- Blue car park pins to show nearby car parks within user location

Actions:

- 1) Search for a new location
- 2) Pressable marker shows details of car park
- 3) Press to reveal a pull-up screen

# Pull-up screen



Comments: Unit of measurements to be localized (mil -> km, price: \$SGD)

Brief: A pull-up screen that can be extended by users

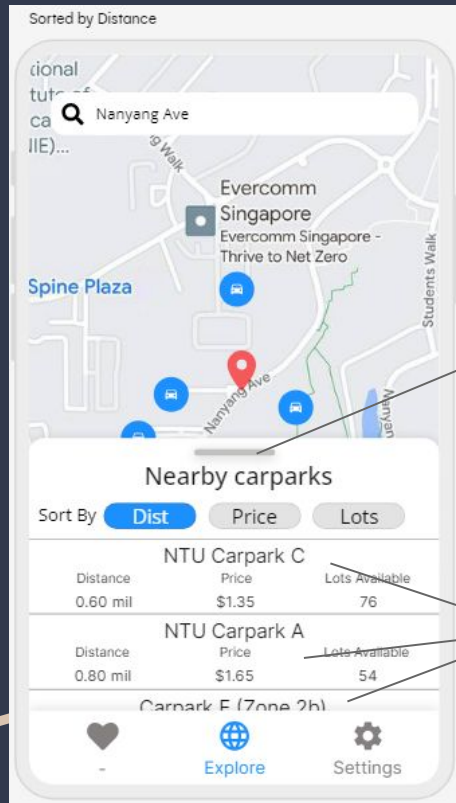
Visuals:

- Shows nearby car parks as a list of results that can be sorted by
  - a) Distance to user
  - b) Price
  - c) Lots Available

Actions:

- 1) Drag upwards to reveal more information
- 2) Sort/Reorder car parks by distance, price or available lots
- 3) Click *carpark* button to see more details about that car park

# Sort by Distance



Comments: Unit of measurements to be localized (mil -> km, price: \$SGD)

Brief: Sort car parks in the vicinity by distance from desired location.

Visuals:

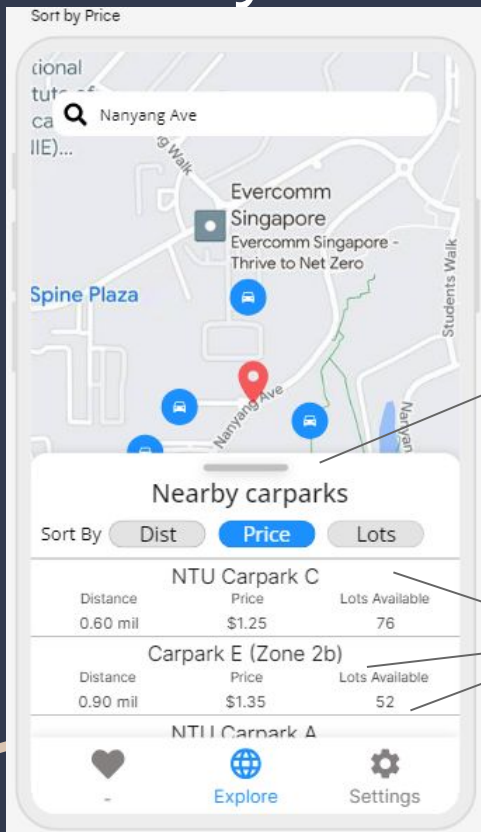
- Nearby car parks shown as a list of results
- List of car parks arranged according to proximity to desired destination:
  - Car park displayed at top is closest to the location keyed in
  - Car park displayed at the bottom is furthest from the location keyed in

Actions:

- 1) Drag upwards to reveal more car parks and their information
- 2) Click *carpark* button to view more details about that car park



# Sorted by Price



Comments: Unit of measurements to be localized (mil -> km, price: \$SGD)

Brief: Sort car parks in the vicinity by price.

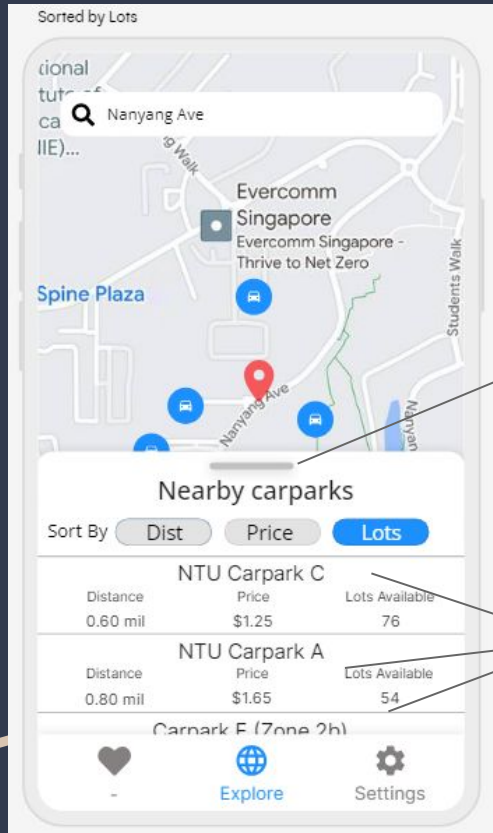
Visuals:

- Nearby car parks shown as a list of results
- List of car parks arranged according to increasing price:
  - Car park displayed at top has lowest price
  - Car park displayed at the bottom has highest price

Actions:

- 1) Drag upwards to reveal more car parks and their information
- 2) Click *carpark* button to view more details about that car park

# Sort by Lots



Comments: Unit of measurements to be localized (mil -> km, price: \$SGD)

Brief: Sort car parks in the vicinity by number of available lots.

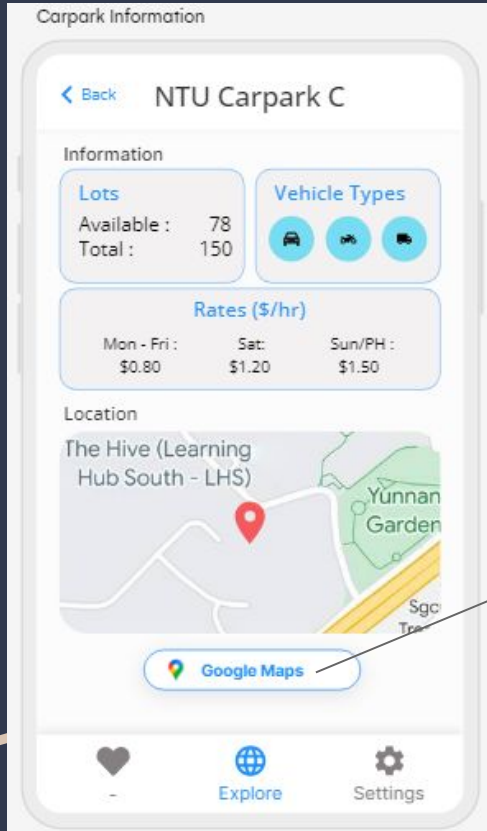
Visuals:

- Nearby car parks shown as a list of results.
- List of car parks arranged according to decreasing number of lots available:
  - Car park displayed at top has highest number of available lots
  - Car park displayed at the bottom has lowest number of available lots

Actions:

- 1) Drag upwards to reveal more car parks and their information
- 2) Click *carpark* button to view more details about that car park

# Car Park Information



Comments: N/A

Brief: Upon clicking the icon representing a car park, the screen will display the following information:

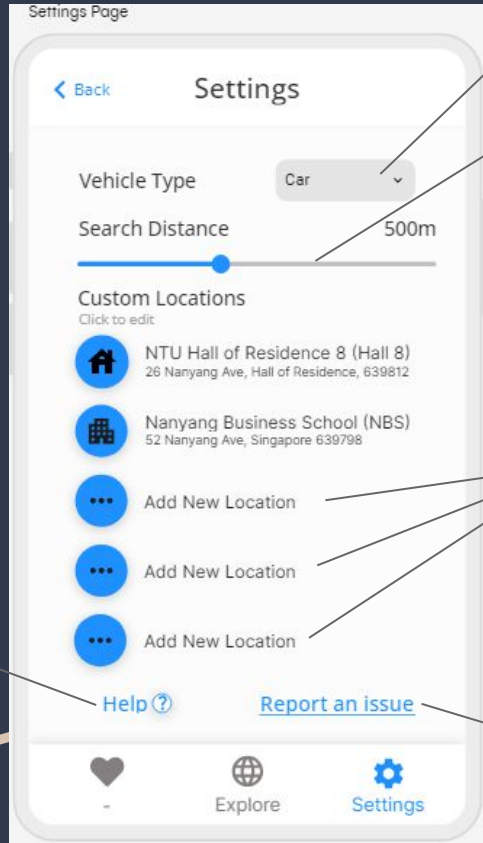
Visuals:

- Carpark Name (top of screen)
- Number of lots available
- Total number of lots
- Types of lots for different vehicles
- Parking rates

Actions:

- 1) Click *Google Maps* button to be redirected to *Google Maps* app
- 2) *Start location* and *Destination* will be auto-filled in *Google Maps*
- 3) Press *Start* to begin journey (in *Google Maps*)

# Settings



Comments: Help and report and issue page not yet finalized

Brief: Allows user to customise features, seek help or report and fault.

Visuals:

- System shows features such as Vehicle Type, Search Distance and Custom Locations for user to modify
- System shows buttons for user to access information manual or report an issue.

Actions:

- 1) Click on the drop-down bar labelled *Vehicle Type* and select the type of car you own
- 2) Adjust the Range Slider labelled *Search Distance* to set the search radius from the selected location, under which car parks will be shown
- 3) Click on the button *Add New Location* to add most frequented locations
- 4) Click on the *Help* button to view the information manual and the Frequently Asked Questions (FAQ) Page
- 5) If you encounter any issues, click on the *Report an issue* button to key in the details of the issue faced