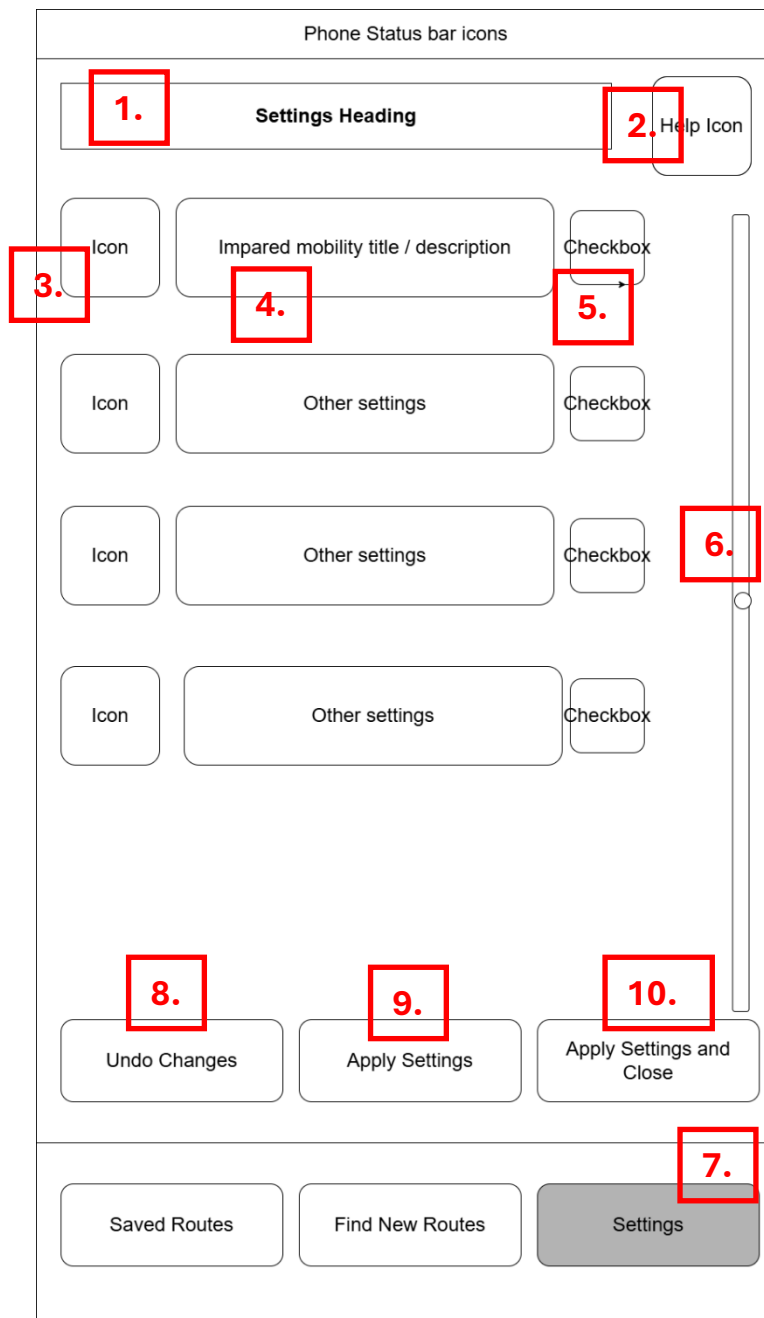


Home Screen:

This wireframe is what is first displayed when opening the app (after login).

UI

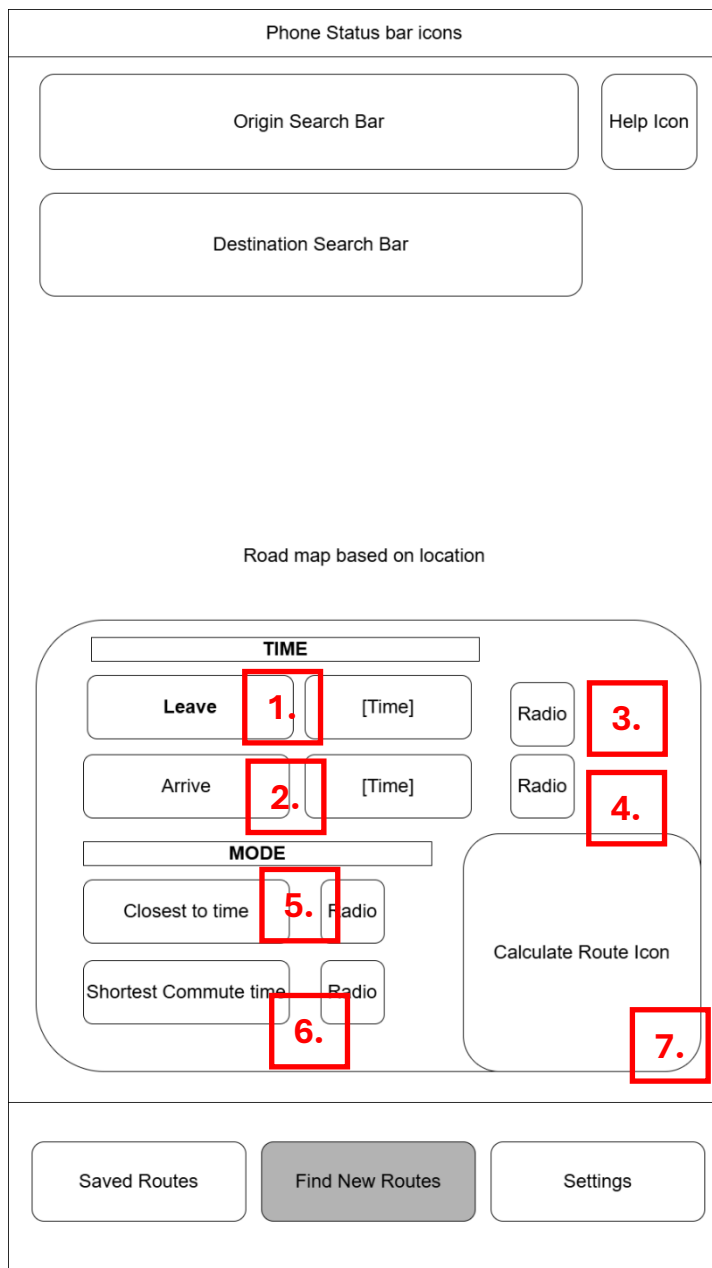
1. Location search for starting point. This can also be set by double tapping on the map
2. Location search bar for destination point. This can also be set by double tapping on the map if an origin is already selected
3. Help button, that will display tips for navigation
4. Button to calculate public transport route chosen
5. Button to switch tabs to saved routes (swipe from left edge also works)
6. Current tab highlighted
7. Button to switch to settings tab (swipe from right edge also works)
8. Entire background is an interactive map showing searched / current location



Settings Screen:

This wireframe represents the screen that will display when in the settings tab

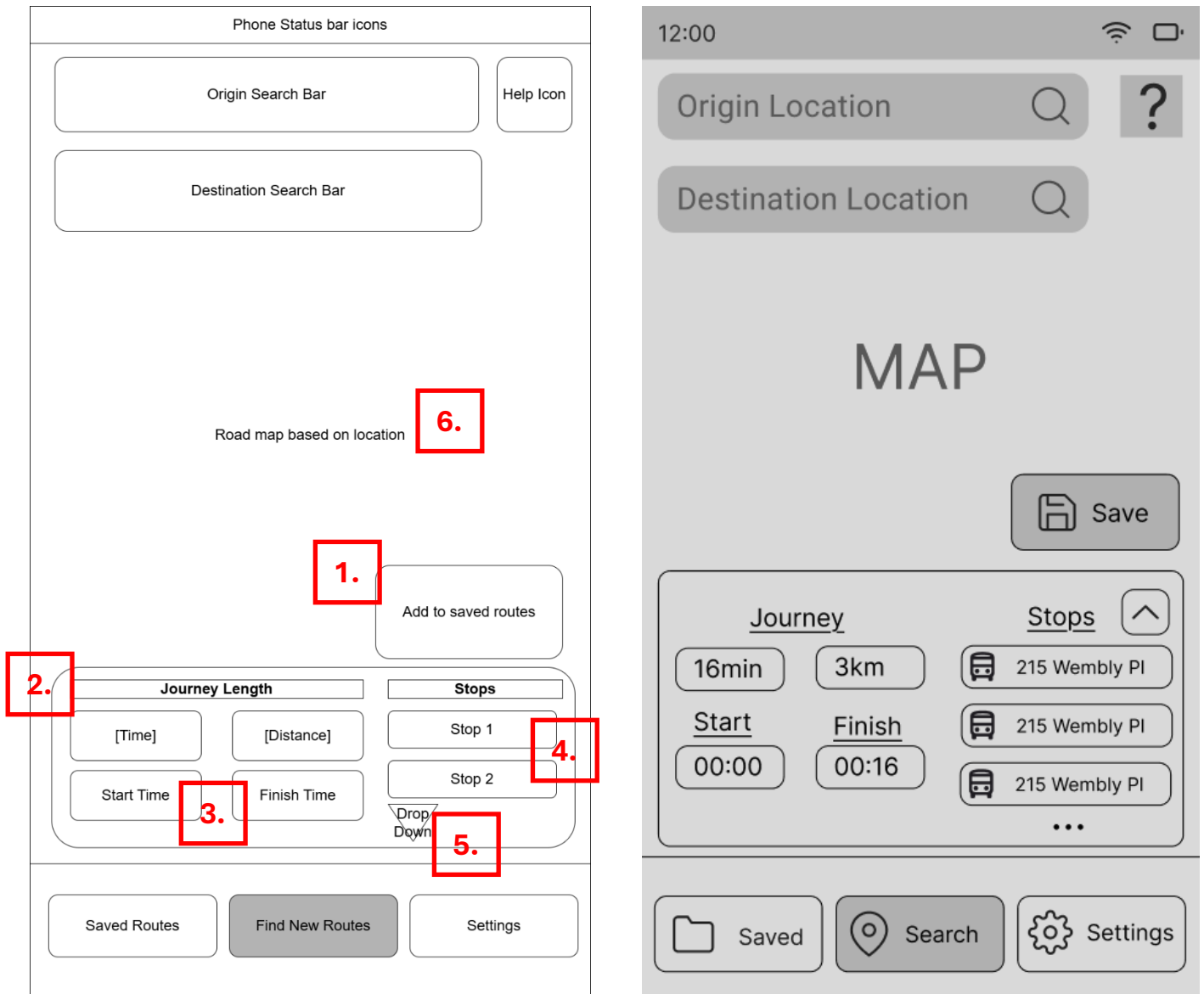
1. Non-interactive title
2. Help icon for page specific tips
3. Icon to represent the setting associated
4. Name / description of setting
5. Checkbox for enabling setting
6. Scrollbar to access settings lower in screen
7. Tab buttons work like all other wireframes. Settings button highlighted to represent current tab.
8. Resets any changes the user has made without applying
9. Applies changes to the settings without exiting the settings screen
10. Applies changes to the settings and returns to the find new routes screen



Route Selection Screen:

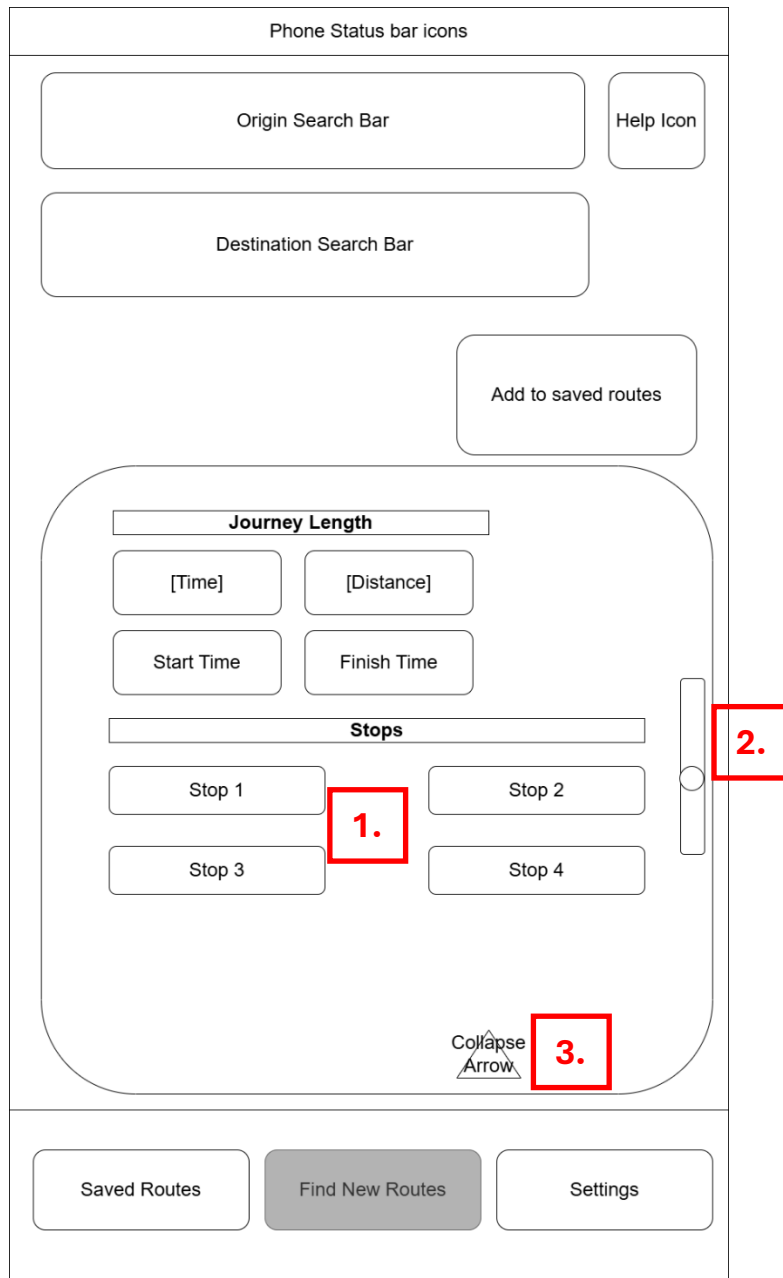
This wireframe represents the screen that will display once the calculate route button has been pressed once.

1. Leave heading, time input field, and a radio to indicate route based on leave time or arrive time
2. Arrive heading, time input field, and radio
3. Radio for leave time
4. Radio for arrive time
5. Closest to time setting which bases route on the closest leave or arrive time (based on previous selection)
6. Shortest commute time setting which bases route on the shortest within a window. The Radio buttons for the times grey out if this is selected
7. Button to begin search for suitable route. Is highlighted during this screen to encourage further interaction

**Route Confirmation Screen:**

This wireframe represents the screen that will display once the calculate route button was pressed twice.

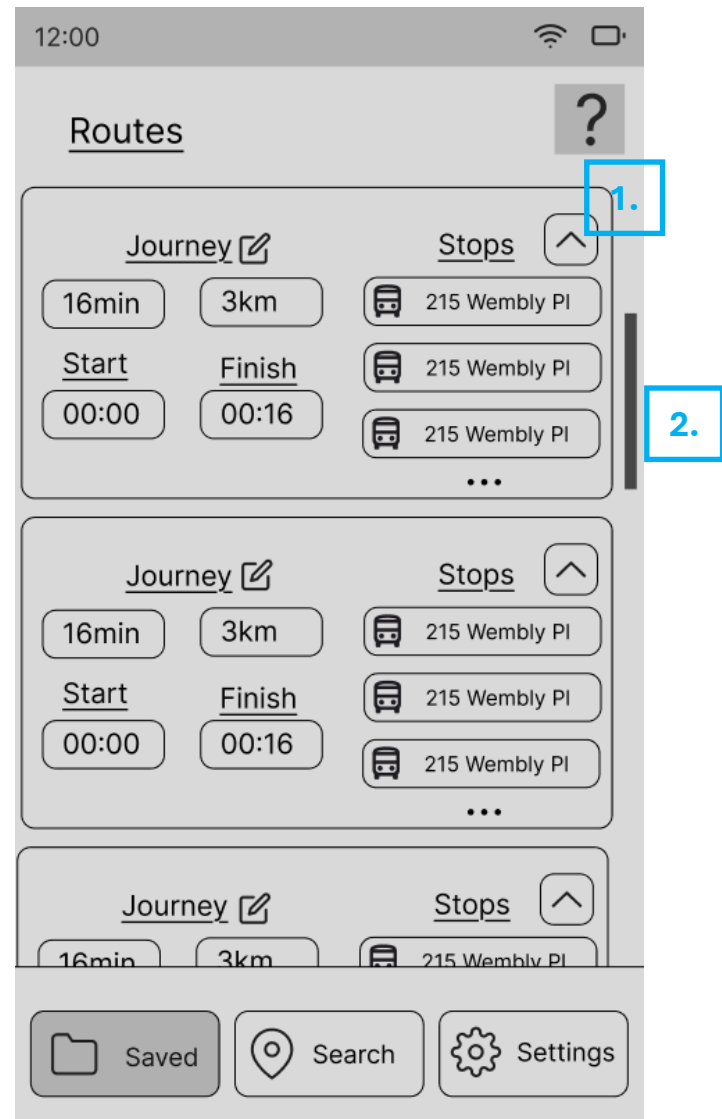
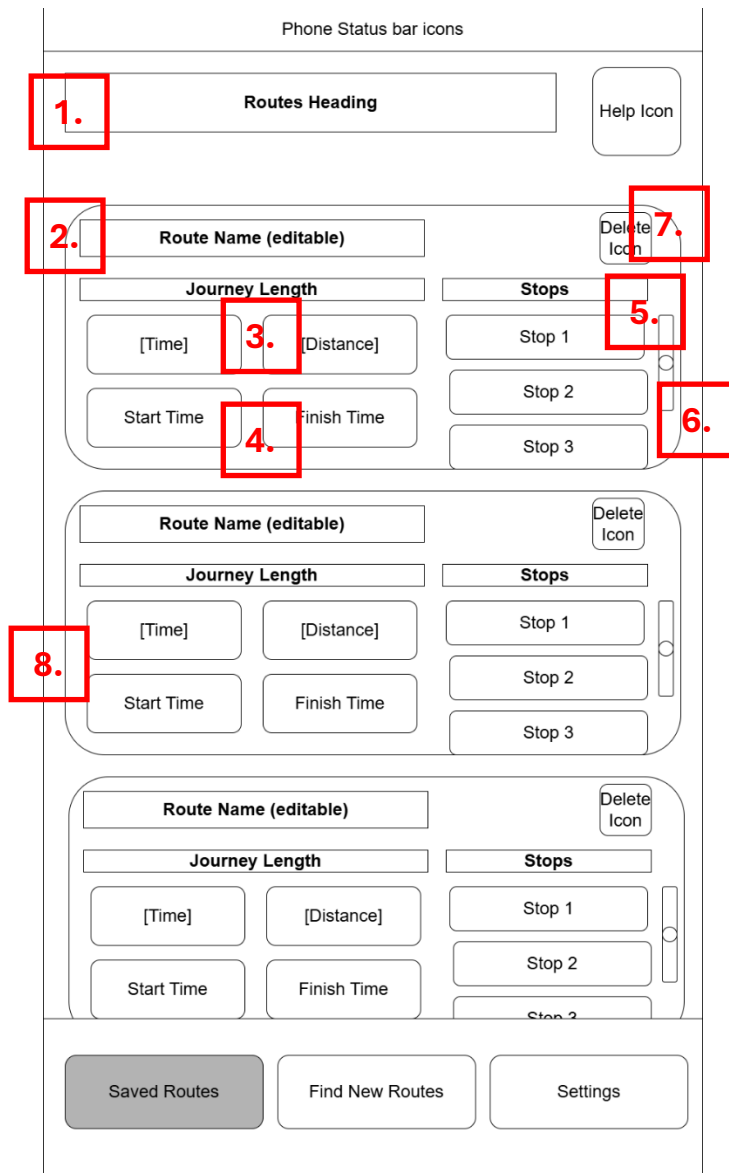
1. Button saves the route, so that it can be accessed again later. Also transitions to the Saved Routes tab
2. Shows the estimated time, and distance for the calculated journey
3. Shows the start and finish time for the route
4. Displays a list of all the stops and transfers required to complete the journey
5. Button to allow the stops to be expanded if not all of them fit in the space allocated
6. Interactive map showing current route and stops



Expanded Stop Screen:

This wireframe represents the screen that will display if the stops are expanded from the Route Confirmation Screen.

1. Expanded area for stops to be displayed
2. Scrollwheel is added for when stops cannot all be displayed
3. Expand arrow is replaced by collapse arrow to return to previous wireframe



Saved Routes Screen:

This wireframe represents the screen that will display when the Saved Routes button is pressed, or if the user swipes from left edge in the Find New Routes tab.

1. Static heading for the tab
2. Editable name for the saved route
3. Estimation of time and distance of route
4. Start time and finish time of route
5. List of stops required for journey
6. Scrollwheel for stops
7. Delete button to remove route. Has a pop up confirmation when selected.
8. Repeat of 1-7 for each save route

Adjusted for Mid fidelity

1. Expand route icon that navigates to the expanded routes screen
2. Scrollwheel to scroll through saved stops

Task One User Flow – Mobility Impaired User

1. **Home Screen:**
 - a. Press settings button (7) taking user to the settings screen
2. **Settings Screen:**
 - a. Select impaired mobility checkbox (5), ensuring calculated routes will be wheelchair friendly
 - b. Press apply and close button (10) taking user to the home screen
3. **Home Screen:**
 - a. Search for origin location using origin search bar (1)
 - b. Search for destination location using destination search bar (2)
 - c. Press calculate route button (4) taking user to route selection screen
4. **Route Selection Screen:**
 - a. Fill in leave time field (1)
 - b. Press calculate route button (7)
5. **Route Confirmation Screen:**
 - a. Examine route on map
 - b. Press expand stops arrow (5) taking the user to the extended stop screen
6. **Extended Stop Screen:**
 - a. Examine the stops required for the journey

Task Two User Flow – Alex Singh

1. **Home Screen:**
 - a. Search for origin location using origin search bar (1)
 - b. Search for destination location using destination search bar (2)
 - c. Press calculate route button (4) taking user to route selection screen
2. **Route Selection Screen:**
 - a. Fill leave time field (1) with earliest desired leave time
 - b. Fill arrive time field (2) with latest desired leave time
 - c. Press calculate route button (7) taking user to route confirmation screen
3. **Route Confirmation Screen:**
 - a. Examine route on map
 - b. Press expand stops arrow (5) taking the user to the extended stop screen
4. **Extended Stop Screen:**
 - a. Examine the stops required for the journey

Task Three User Flow – Young Student

- 1. Home Screen:**
 - a. Search for origin location using origin search bar **(1)**
 - b. Search for destination location using destination search bar **(2)**
 - c. Press calculate route button **(4)** taking user to route selection screen
- 2. Route Selection Screen:**
 - a. Select arrive time radio **(4)**
 - b. Fill arrive time field **(2)**
 - c. Press calculate route button (7) which transitions to the route confirmation screen
- 3. Route Confirmation Screen:**
 - a. Examine route on map **(6)**
 - b. Press add to saved routes button **(1)** which transitions to the saved routes screen
- 4. Saved Routes Screen:**
 - a. Edit route name for future reference **(2)**