COMP 10244 - The Project: Planning & Design

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Statement of Authorship:
I, Vincent Mark, 000803494, certify that this material is my original work.
No other person's work has been used without due acknowledgement.
I have not made my work available to anyone else.
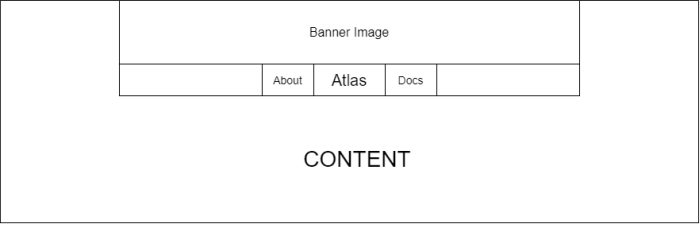
App Name: Atlas

Description:
Atlas is a navigation app which is tailored for tourists looking to explore points of interest around Hamilton. The user will be able to see details about various locations through the app. These locations will include hiking trails, parks, landmarks and museums.

Features:

- Google Maps API
- Location Filter
    - Trails, Parks, Landmarks, Museums
- Shows user reviews of locations
- Shows the popularity/traffic levels of locations
- Provides directions to selected locations
- Mobile support
- Website provides documentation & additional information of the app
- Accessibility features:
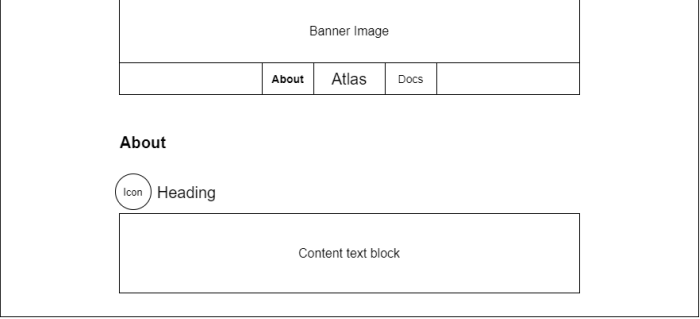   - Zoom scaling, Font size, color filters

Desktop

Navigation Bar

Banner Image

About | Atlas | Docs

CONTENT

About Page

Banner Image

About | Atlas | Docs

About

(Icon) Heading

Content text block

Content
- Provide general information about the app
- Backstory narrative?

Docs Page

Banner Image

About | Atlas | **Docs**

Documentation

(Icon) Heading

Content text block

1. Step One — Image
2. Step Two — Image
3. Step Three — Image

Content text block

Image of app | Instructions
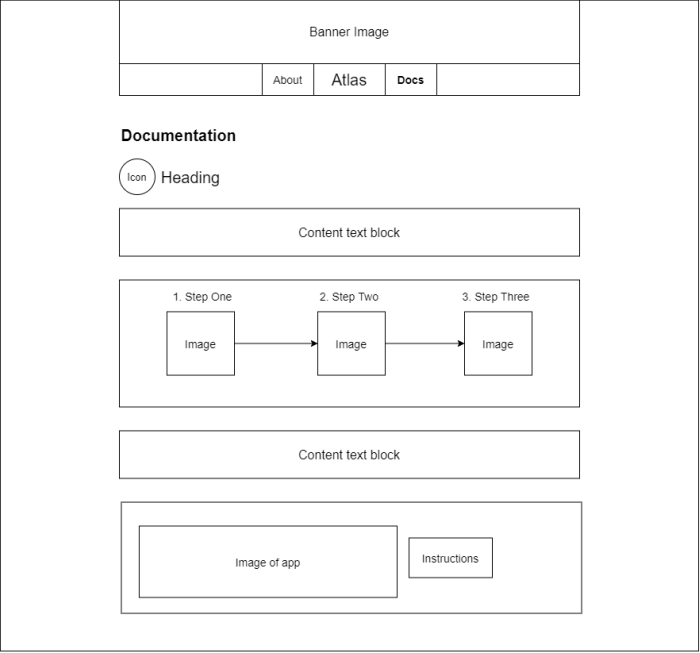
Content
- Describe app features
- Demonstrate workflows

App Page

Banner Image

About | **Atlas** | Docs

Atlas App Container
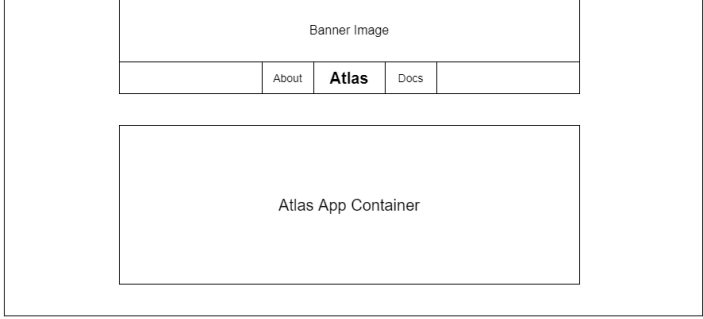
Content
- Contains the Atlas app/API

Atlas App

Settings

Filter Menu

Location A

Location C

Google Maps API

✕

Directions Menu

✕

Location Menu:
- Directions
- Popularity
- Reviews

● Location B

App Main Features
- Uses Google Maps API
- Shows various locations around Hamilton
- Display direction information
- Display location popularity/traffic levels
- Display Google reviews

Layout Design
- All three menus are given fixed positions
- The location menu is hidden until a location is selected
- The directions menu is hidden until the "Directions" option is selected in the location menu
- The location menu and directions menu can be closed
- The filter menu is always displayed

Settings Menu
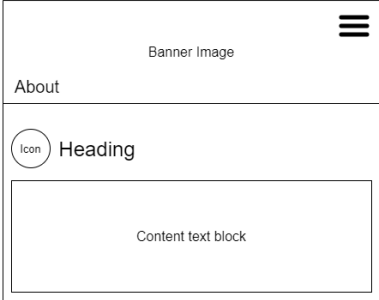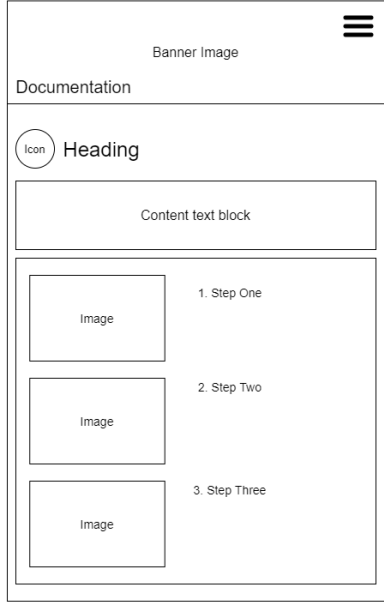- Accessibility features (zoom scaling, font size, color filter)

Mobile

Navigation Bar

Banner Image

≡

CONTENT

Mobile Navbar
- Collapsed into a sticky hamburger menu on mobile

About Page

Banner Image

≡

About

(Icon) Heading

Content text block

Mobile Page Content
- Reduce padding/spacing
- Increase font size
- Compact page elements

Docs Page

Banner Image

≡

Documentation

(Icon) Heading

Content text block

Image | 1. Step One

Image | 2. Step Two

Image | 3. Step Three

App Page

Banner Image

≡

Atlas

Settings | Google Maps API

○ Location A

(Icon) Filter Menu

(Icon) Directions Menu

○ Location B

(Icon) Location Menu

Banner Image

≡

Atlas

Settings | Google Maps API

○ Location A

(Icon) Filter Menu

● Location B

(Icon) Directions Menu

✕

Location Menu:

- Directions
- Popularity
- Reviews

Mobile App Page
- App elements are compacted to tailor to mobile functionality
- All menus of the app can be hidden off-screen until revealed (on slide or click) in order to conserve screen space
- Selecting a location will automatically reveal the location menu
- Selecting the "Directions" option in the location menu will automatically reveal the directions menu

User Flow: Displaying Location Review Information

Step 1: Filter Menu

Settings

Filter Menu:
- All
- Trails
- Parks
- Landmarks
- Museums
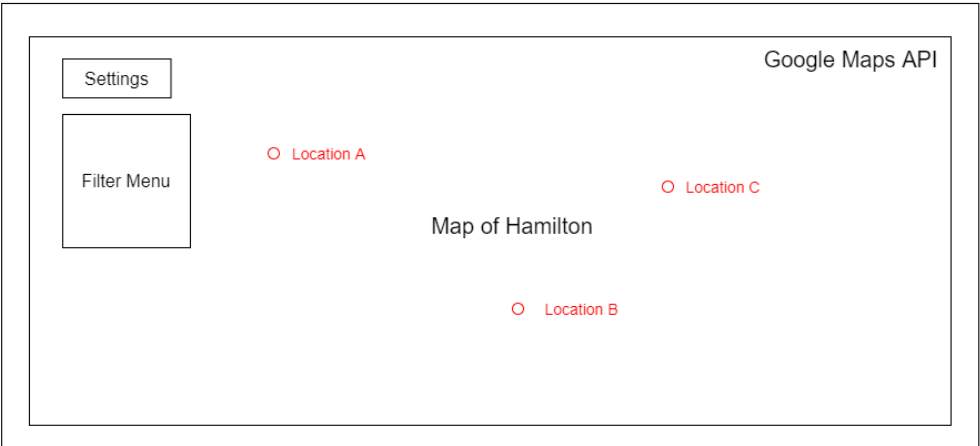
Google Maps API

Map of Hamilton
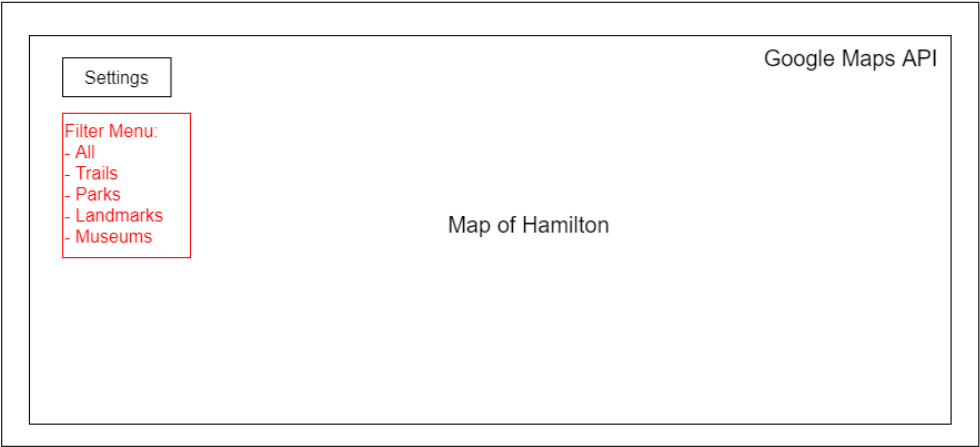
Use filter menu to select which location types you want to be displayed on the map.

The user may select a new filter at any given time. Doing so will reset the user flow to this point.
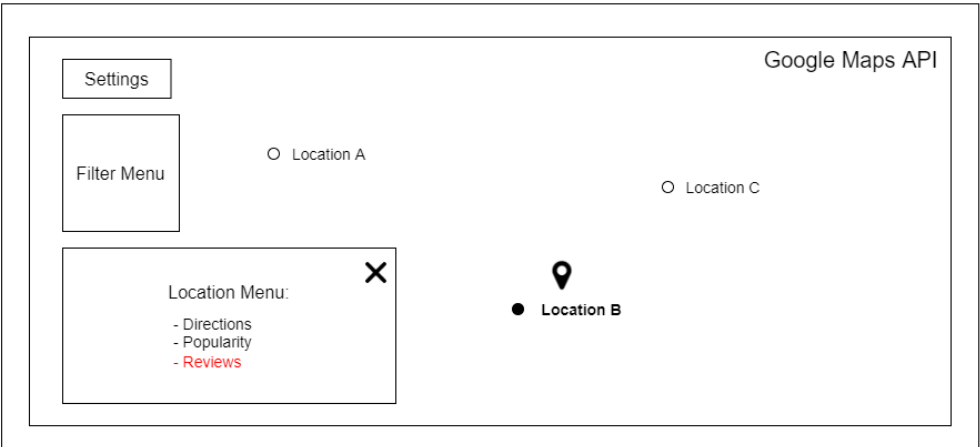
The "All" filter should be pre-selected.

Step 2: Select a Location

Settings

Filter Menu

Google Maps API

O Location A

O Location C

Map of Hamilton

O Location B

Select the location you wish to know more about.

Step 3: Select the "Reviews" Menu Option

Settings

Filter Menu

Google Maps API

O Location A

O Location C

Location Menu:
- Directions
- Popularity
- Reviews

✕

● Location B

Select the location you wish to know more about.

This menu option should already be pre-selected but assume it is not for demonstration purposes.

Settings

Filter Menu

Google Maps API

O Location A

O Location C

Location Menu: ✕

Reviews | Popularity | Directions

Review Information

● Location B

The reviews of the location are displayed in the menu.

Similar to Google Maps, each review should contain information which includes: The reviewer's name, the review text, the review rating, etc.