

## **ArtworkFinder App**

### **Launch Instructions to use app:**

*When the app is launched you will be introduced into the main view of the app.*

*You can interact with the map or the table*

*Map View: Zoom in and out of the app / click on annotations to get all artworks there by looking for the red highlighted section in the table*

*Table View: Scroll through all locations ordered by distance from you. Select artwork to view more information about specific pieces*

*Detail Page: Show information about the art piece selected by the user through the table view including the name, artist, year of making, detailed information paragraph*

### **App Logic:**

User is prompted to allow location access

They can walk around and see artworks near their location

Clicking artworks will scroll to the relevant location sections in the table

Clicking cells will lead to a separate page with the information of that specific artwork

User can easily scroll and interact with table view and map view

Core Data is used to cache the artworks on the device

### **Accessibility:**

XCODE 12.1

Matched for iPhone 11

***\*MAY NOT FUNCTION IF API IS RETIRED\****

App can be used in portrait and landscape mode (landscape mode is slightly buggy)

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### **APP LAUNCH (location authorised)**

Visible Features:

- The app will track the user's location whilst still allowing them to zoom in and out
- Will order data in the table by user's distance from each location
- Blue dot represents user on the map view

Additional Features:

- Zooming in or out is possible whilst maintaining a central location on the user's position
  - The span initially is set to a reasonable level where roads and locations are visible
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### **APP LAUNCH (location un-authorised)**

Visible Features:

- The app will set a default location to the Ashton Building allowing the user to traverse through the map manually

Additional Features:

- Zooming in and out is possible and the user can drag to move around freely across the map
  - The span initially is set to a reasonable level where locations and artwork are visible
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### **APP MAIN SCREEN**

Visible Features:

- App shows all unique locations on the map as interactive annotations
- App shows a table populated with artworks and separated by sections which represent the unique locations
- User can interact with the table and the map

Additional Features:

- Clicking on an annotation will scroll to the corresponding table element and highlight the section bright red making it easy to identify
- Clicking off an annotation will deselect the section in the table restoring its default grey colour
- If the location of user changes and the position of the selected location is no longer visible on table view scrolling will reveal it is still selected as long as annotation is still selected
- Selecting on a cell will take the user to a page showing more detail about the artwork on that cell

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**DETAIL SCREEN (got to by clicking cell on main screen)**

Visible Features:

- Selected artwork is presented on full page view with information about it.
- Location of artwork is visible in navigation bar with back button to return to menu
- Artwork artist is visible
- An image of the artwork is visible on the screen
- Name of artwork with year of making is visible below image
- Detailed description of artwork is visible near bottom of screen

Additional Features:

- User can scroll through description paragraph if text is long