# Final Prototype Demo- Notes

## Pre-Presentation To-Do List

* Increase size of font within Android Studio, so Tony can see the code
* Connect Android phone using Vysor

## Design Demonstration

1. Open App
2. Holiday Fragment
   1. Describe Holiday Fragment
      1. View
      2. Create
      3. Edit
      4. Delete
   2. Describe View holiday
      1. Describe view visited places associated to that holiday
      2. Describe Share function
   3. Describe Create a Holiday
      1. Enter name
      2. Select date
         1. Select any start date
         2. Select end date before start date to show validation
         3. Select suitable end date
      3. Enter companions
      4. Enter notes
      5. Add an image
         1. Take a new image
         2. Add image tag
      6. Save Holiday
   4. View newly created holiday
   5. Describe Edit a Holiday
      1. Edit an aspect of the originally made holiday
   6. View edited holiday
   7. Delete holiday
3. Visited Place Fragment
   1. Describe vplace fragment
      1. View
      2. Create
      3. Edit
      4. Delete
   2. Describe View vplace
      1. Describe share function
   3. Describe create a vplace
      1. Choose from list of holidays: New York
      2. Enter name: Central Park
      3. Enter any date
      4. Choose location
         1. Select Current Location to show address update
         2. Enter Central Park and select option
      5. Add companions
      6. Add notes
      7. Add an image
         1. Select image from gallery
            1. Choose from memori gallery
         2. Add an image tag
      8. Save vplace
   4. View newly created vplace
   5. Describe edit vplace
      1. Edit originally made vplace
   6. View newly edited vplace
   7. Delete vplace
4. Map Fragment
   1. Describe Map fragment
      1. Describe pink and blue
      2. Filter
      3. Get POI
   2. Zoom into Paris to view all 3 markers
      1. View vplace marker
      2. View both images
         1. Describe share function
   3. Describe Filter Options
      1. Filter By Date
         1. Filter Between 01/01/2020 and 01/01/2021
         2. Zoom into Las Vegas vplace to show it still works
         3. Reset Filters
      2. Filter by Holiday
         1. Filter for Paris
         2. Zoom into Paris VPlace
         3. Reset Filters
      3. Filter By Companion
         1. Filter for Dave
         2. Zoom into Paris and India
         3. Reset Filters
   4. Describe Get POI
      1. Get Restaurants
         1. Describe Red Marker
         2. Describe Any Blue Marker
      2. Get Museum
      3. Get Shopping Mall
      4. Get Stadium
      5. Get Tourist Attraction
5. Gallery Fragment
   1. Describe gallery fragment
      1. View
      2. Search
      3. Sort
   2. Describe view image
      1. Describe share function
   3. Describe Sort Options
      1. Sort By Holiday
         1. A to Z
            1. Explain why there are only 5 images
         2. Z to A
      2. Sort by VPlace
         1. A to Z
            1. Explain why there are only 5 images
         2. Z to A
      3. Sort By Date
         1. Old to New
         2. New to Old
      4. Sort By Holiday
         1. A to Z
         2. Z to A
   4. Describe Search Options
      1. Search by Date
         1. Search for 14/03/2020
         2. Reset Search
      2. Search by Tag
         1. Search for happy
         2. Reset Search
      3. Search by Holiday
         1. Search for Paris
         2. Reset Search
      4. Search by VPlace
         1. Search for Bellagio Hotel
         2. Reset Search
      5. Search by Location
         1. Search for Moscow
         2. Reset Search
6. Describe persistent storage and how the app is stored
7. Describe gesture
   1. Holiday
      1. Small tap
      2. Long tap
   2. VPlace
      1. Small tap
      2. Long tap
   3. Map
      1. Small tap
   4. Gallery
      1. Small tap

### How does your system work and how can the user operate with your system?

* Basic walkthrough of the design, explaining exactly where the users can interact with the design
* Identify any key features of the system

### What design patterns did you use and why?

* Global Navigation Bar
  + Allows the user to navigate through the system easily
  + User is aware of where they are in the system
* Visual Framework
  + Each page follows the preset structure
    - Header; Date, Name and Language/Settings
    - Global Navigation Bar
    - Main Area; Content of the page itself
  + Ensures the user has a sense of familiarity when using the system

### Why did you decide to use this colour scheme?

* Wanted to use the colour scheme which was the 2nd best contrasting combination, Dark Green on White
  + Certain elements clashed with the background so implemented a dark green on cream
  + Used white for control panels to allow for a good contrast with the text, buttons and background

### Why did this style of icon stand out for you?

* Simple design to ensure it didn’t overwhelm the user with unnecessary detail
* This simple design meant the icons to adhere to the colour scheme

### What influenced you to choose this style of text?

* The font appears simple and easy to read, due to its bold and round shape
* Implemented a structure for the fonts to ensure the user understood the structure of each page
  + 16px for general text
  + 18px for sub-headings
  + 20px for headings

## ­Design Motivation

### What motivated your design?

* My design was motivated by my desire to ensure that all users could use the system effectively, regardless of any disabilities that the user may withhold

### Describe any background research you did that informed your design- with examples?

* Research into kiosk functionality
  + No complicated interactions, this meant that the system could not use a swipe for any maps or perhaps a pinch for a zoom in. This is something that had to be implemented separately
* Research into Animal Sanctuaries
  + Sanctuary websites were clear on what information was available to user and how the user could get involved

## Design Critique

### Discuss the strengths of your system?

* Aesthetics
  + Colour scheme was excellently chosen, allowed for every page to be seen without any difficulty. Even for visually impaired users
  + Icons are very well made, they provide a clear understand about where the button would redirect the user to
* Functionality/Availability of Content
  + Content of the pages were well-structured meaning information was easily accessible
  + The information provided by the several pages were well suited to the page, meaning there was no areas which was unnecessary
* Structure of the System
  + System followed a coherent structure in terms of sequence
  + All the pages were laid out exceptionally, the user was well aware about where certain elements were

### Discuss the weaknesses of your system?

* Creativity
  + Some elements lacked creativity in the design and functionality, for example the World Map and the Upcoming Events
* Structure
  + Although structure seemed to be very functional, it wasn’t very appealing on some pages as it appear very cluttered
* Text Orientated
  + Some pages included a lot of text about how the interface should be interacted with

### Discuss what improvements can be made?

* Implement a sense of creativity in some of the elements
  + The World Map element could be better designed in terms of aesthetics
  + The Getting Involved page looks boring, needed some bespoke features
* Reduce the amount of instructional text
  + Some pages used too much text when trying to show the user what to do
  + Could have implemented a help function instead to provide interaction detail

### Discuss any decisions that you have made, that you may regret now and why?

* Space taken by Global Navigation Bar
  + Consumed a lot of space within the page, reducing the amount of space allowed for the actual content of the page
* The theme of layout
  + The layout theme (white box for control panel, grey box for buttons) could have been aesthetically improved as it appears dull

### Discuss how well your system meets the requirements?

* Meets majority of the requirements well, while some have been well achieved and others have not
* Well achieved requirements
  + Accessible and useable by all types of people with different capabilities
  + Needs to be designed to allow users to navigate easily between aspects of functionality
  + Sanctuary Parkland Map showing wolf areas, amenities and trail walks
  + Provide clear information about the Sanctuary’s rules
  + Interactive and Engaging information about the Sanctuary’s history
  + Provide information about the Sanctuary such as its founder, size and upcoming events
  + International wolf conservation partnerships
  + Photo gallery of parkland and its inhabitants
  + Educational programmes
  + Research Programmes
* Achievements which have not been met appropriately
  + Deliver engaging information to the users
  + Engaging and Interactive world map showing locations and populations
  + Engaging and Interactive fact-file about wolves
  + Engaging information about the wolves within the sanctuary
  + Must appeal to all users at all ages
  + International wolf conservation partnerships

### Conclude

* System is well created and structured however lacks creativity in some areas