

Project: Archaeological Surveys

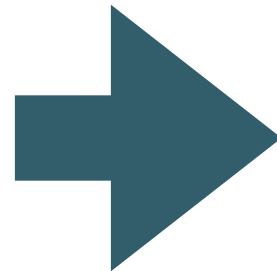


Manage a list of a users visits to archaeological sites of interest in Ireland.

Project 1: Hillforts



Each Hillfort



- Townland
- County
- Date Visited
- Picture
- Latitude/Longitude

<https://hillforts.arch.ox.ac.uk>

Screens

- | | |
|----------|--------------------------------------|
| Opening | - Suitable Image or Logo |
| List | - List of Hillforts user has visited |
| Create | - Enter Hillfort Details |
| Edit | - Edit/Update Hillfort details |
| Settings | - Date/Time and Sort options |

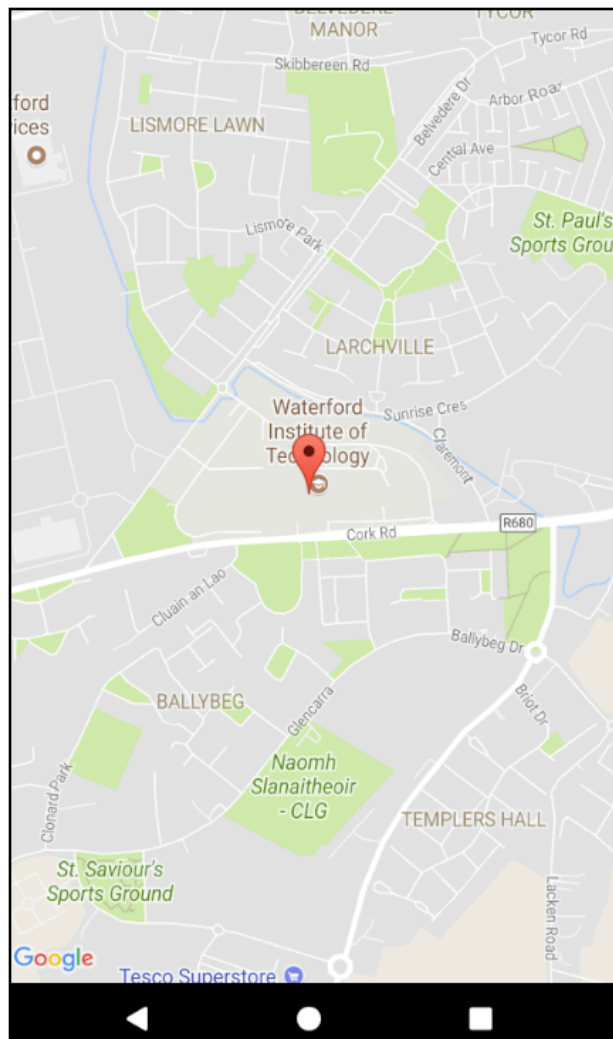
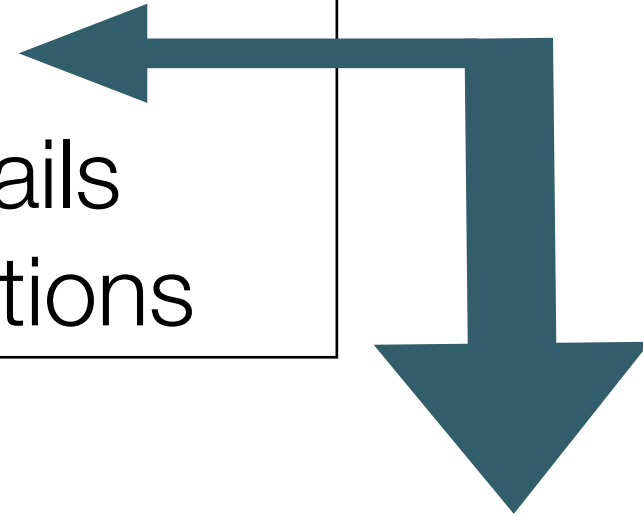
Opening	- Suitable Image or Logo
Toolbar	- Menu Options
List	- List of Hillforts user has visited
Create	- Enter Hillfort Details
Map	- Select Hillfort location
Edit	- Edit/Update Hillfort details
Settings	- Date/Time and Sort options



List

- Each Hillfort can have a rating:
 - 1,2 or 3 stars
- List shows rating - and enables rating to be changed

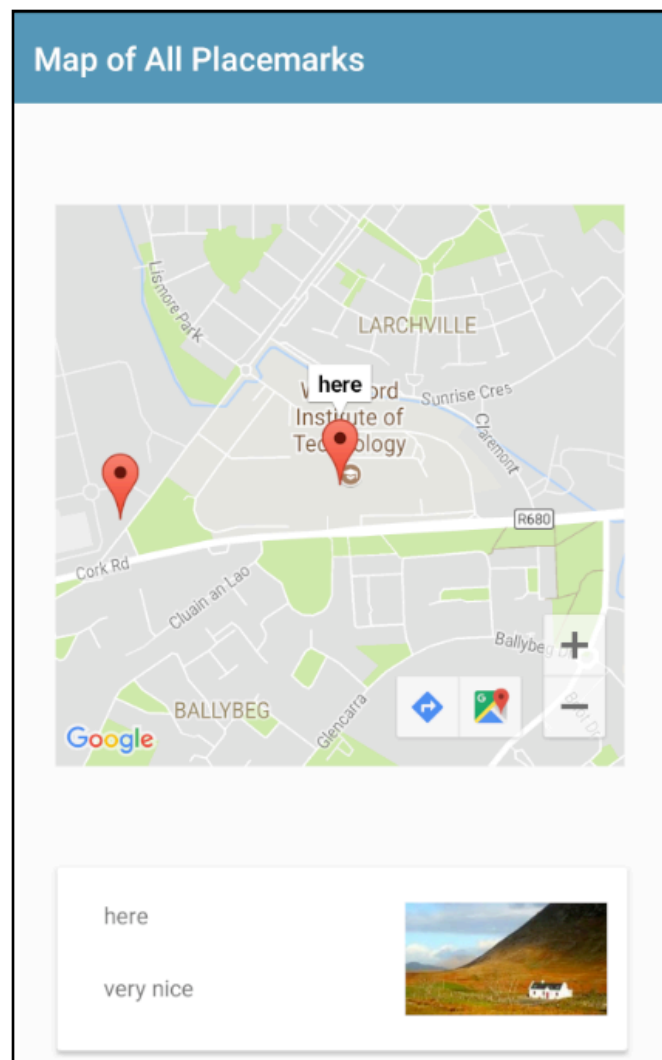
- | | |
|----------|--------------------------------------|
| Opening | - Suitable Image or Logo |
| Toolbar | - Menu Options |
| List | - List of Hillforts user has visited |
| Create | - Enter Hillfort Details |
| Map | - Select Hillfort location |
| Edit | - Edit/Update Hillfort details |
| Settings | - Date/Time and Sort options |



Map

- Set Location of new Hillfort via google map
- Show Latitude / Longitude values
- If Creating new Hillfort, provide button 'Here'. This should put placemark at current location
- Track current location as user moves around site -> Displaying current lat/long

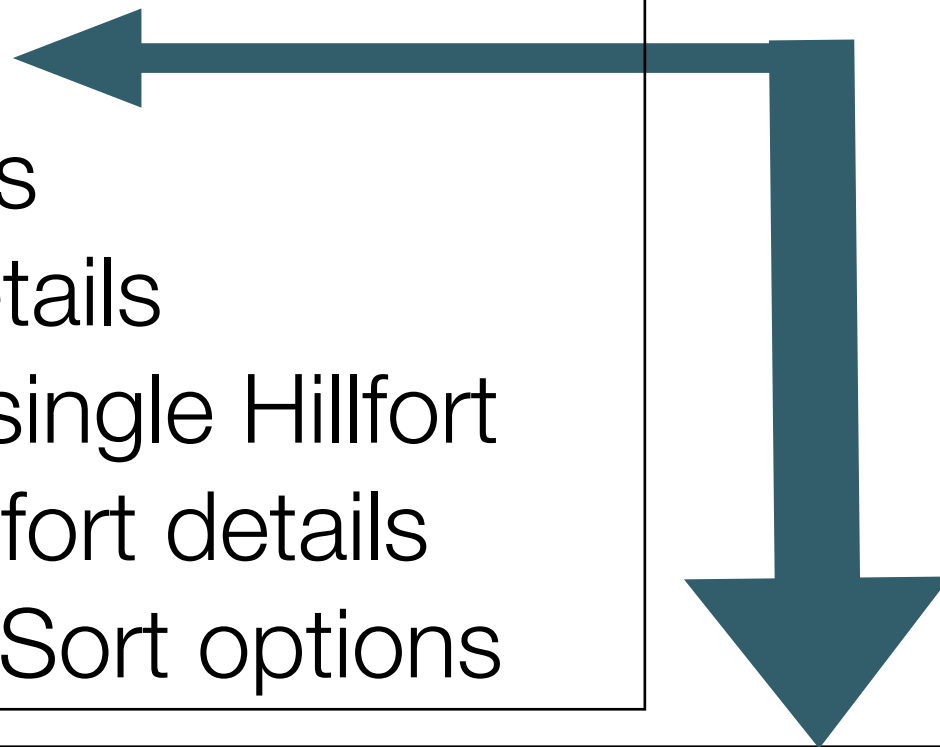
Opening	- Suitable Image or Logo
Toolbar	- Menu Options
List	- List of Hillforts user has visited
MapView	- Show all Hillforts
Create	- Enter Hillfort Details
Map	- Set location of single Hillfort
Edit	- Edit/Update Hillfort details
Settings	- Date/Time and Sort options



MapView

- In addition to the List of Hillforts, introduce a new View to show all Hillforts via markers
- Selecting a marker should show Hillfort details, including image. This should appear in a panel alongside the map

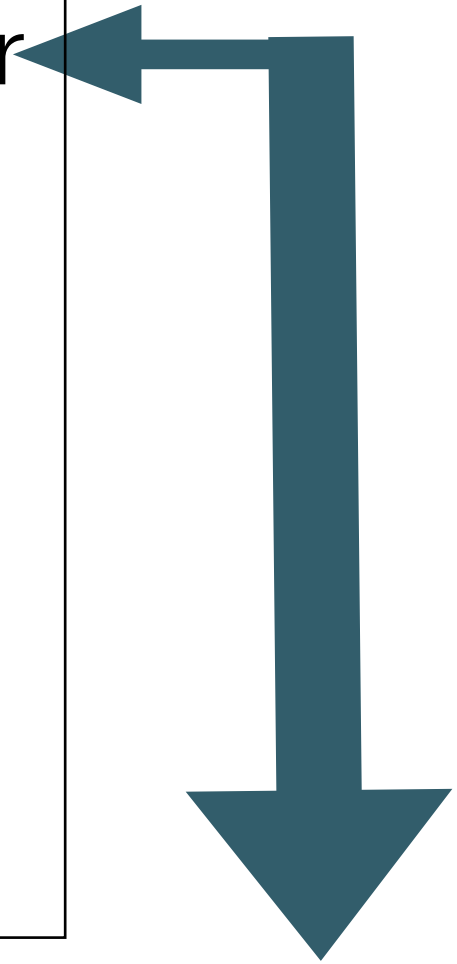
Opening	- Suitable Image or Logo
Toolbar	- Menu Options
List	- List of Hillforts user has visited
Search	- Find a Hillfort
MapView	- Show all Hillforts
Create	- Enter Hillfort Details
Map	- Set location of single Hillfort
Edit	- Edit/Update Hillfort details
Settings	- Date/Time and Sort options


A screenshot of a mobile application interface titled 'Search Cars'. It features several input fields: 'Keywords', 'Any Make' (dropdown), 'Any Model' (dropdown), 'Any Price' (range slider), 'City', and 'Any State' (dropdown). There is also a checkbox labeled 'With Pictures'. At the bottom, there is a blue 'Find' button and a circular icon with a magnifying glass.

Seach

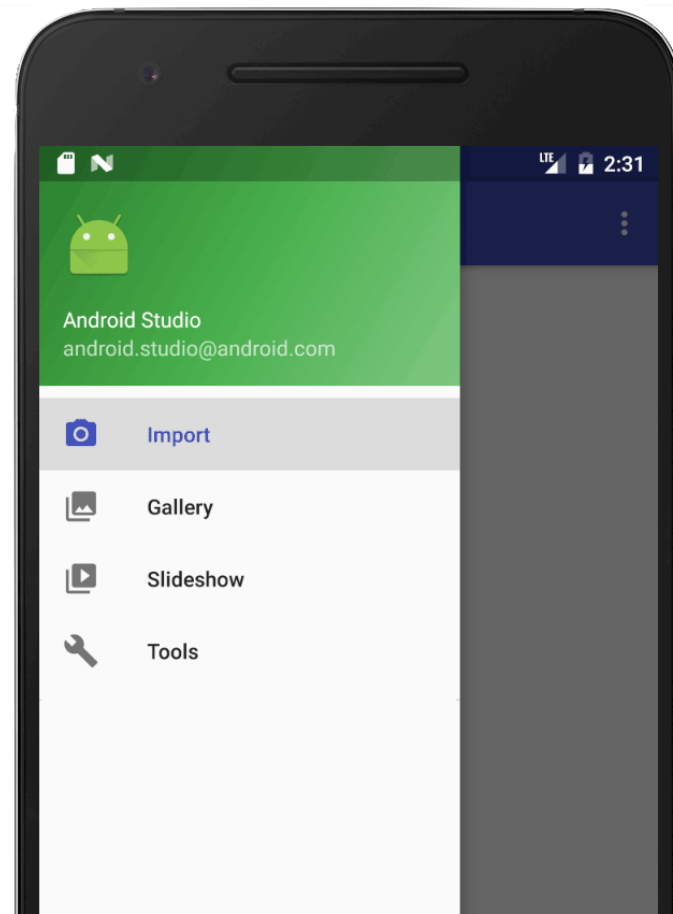
- New menu option opens search activity
- Search by:
 - Townland
 - Name
 - Location
 - Rating

Opening	- Suitable Image or Logo
Toolbar	-> Replace with Navigation Drawer
List	- List of Hillforts user has visited
Search	- Find a Hillfort
MapView	- Show all Hillforts
Create	- Enter Hillfort Details
Map	- Set location of single Hillfort
Edit	- Edit/Update Hillfort details
Settings	- Date/Time and Sort options

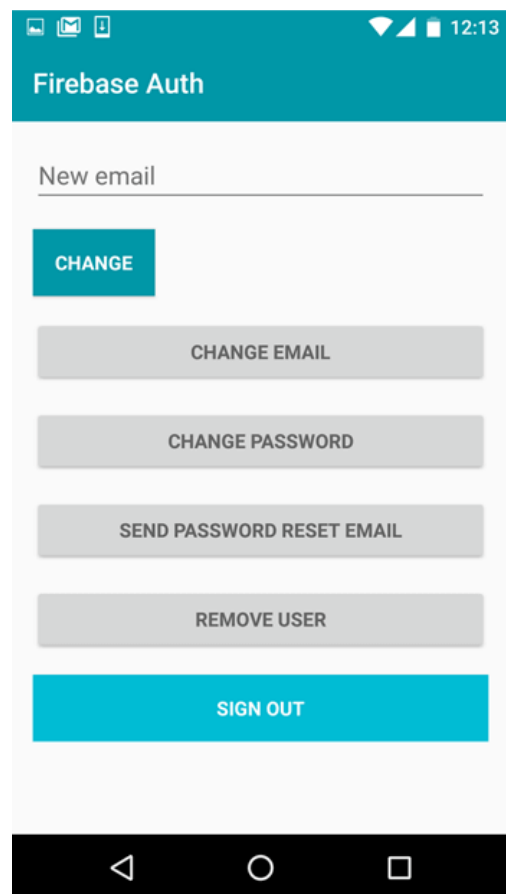
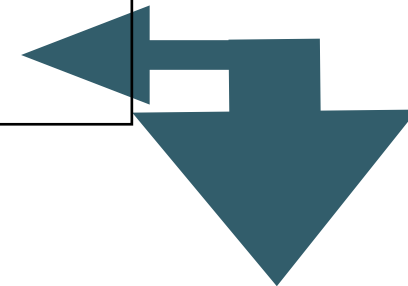


Toolbar -> Navigation Drawer

- Alternative navigation metaphor



Opening	- Suitable Image or Logo
Toolbar	- Menu Options
List	- List of Hillforts user has visited
Search	- Find a Hillfort
MapView	- Show all Hillforts
Create	- Enter Hillfort Details
Map	- Set location of single Hillfort
Edit	- Edit/Update Hillfort details
Settings	- Date/Time and Sort options



Settings

- Settings to include a facility synchronise placemarks to a server (firebase database)

Grade	Geo	Features	UX	Git
Baseline	Support Location when adding Hillfort	Delete Hillfort support	Landscape for all views	Single commit repo
Good	Show selectable map of all Hillforts Display details of selected Hillfort	Search for a Hillfort	Enhanced Tablet View	Commit History
Excellent	Show current location when adding Hillfort	Rate hillforts (1,2 or 3 stars). Including rating in search	Switch to Navigation Drawer (from appMenu)	Tagged Releases
Outstanding	Track location when adding hillfort - displaying latest lat/long	Synchronize hillforts to remote service (firebase)		Branching models (master + feature branches)

		S	M	T	W	T	F	S
January	Week							
	1	14	15	16	17	18	19	20
	2	21	22	23	24	25	26	27
February	3	28	29	30	31	1	2	3
	4	4	5	6	7	8	9	10
	5	11	12	13	14	15	16	17
	<i>reading-week</i>	18	19	20	21	22	23	24
March	6	25	26	27	28	1	2	3
	7	4	5	6	7	8	9	10
	8	11	12	13	14	15	16	17
	9	18	19	20	21	22	23	24
	<i>easter-break</i>	25	26	27	28	29	30	31
April		1	2	3	4	5	6	7
	10	8	9	10	11	12	13	14
	11	15	16	17	18	19	20	21
	12	22	23	24	25	26	27	28
May	<i>reading-weeks</i>	29	30	1	2	3	4	5
		6	7	8	9	10	11	12
		13	14	15	16	17	18	19
	1	20	21	22	23	24	25	26

Assignment 1
35%

Assignment 2
65%