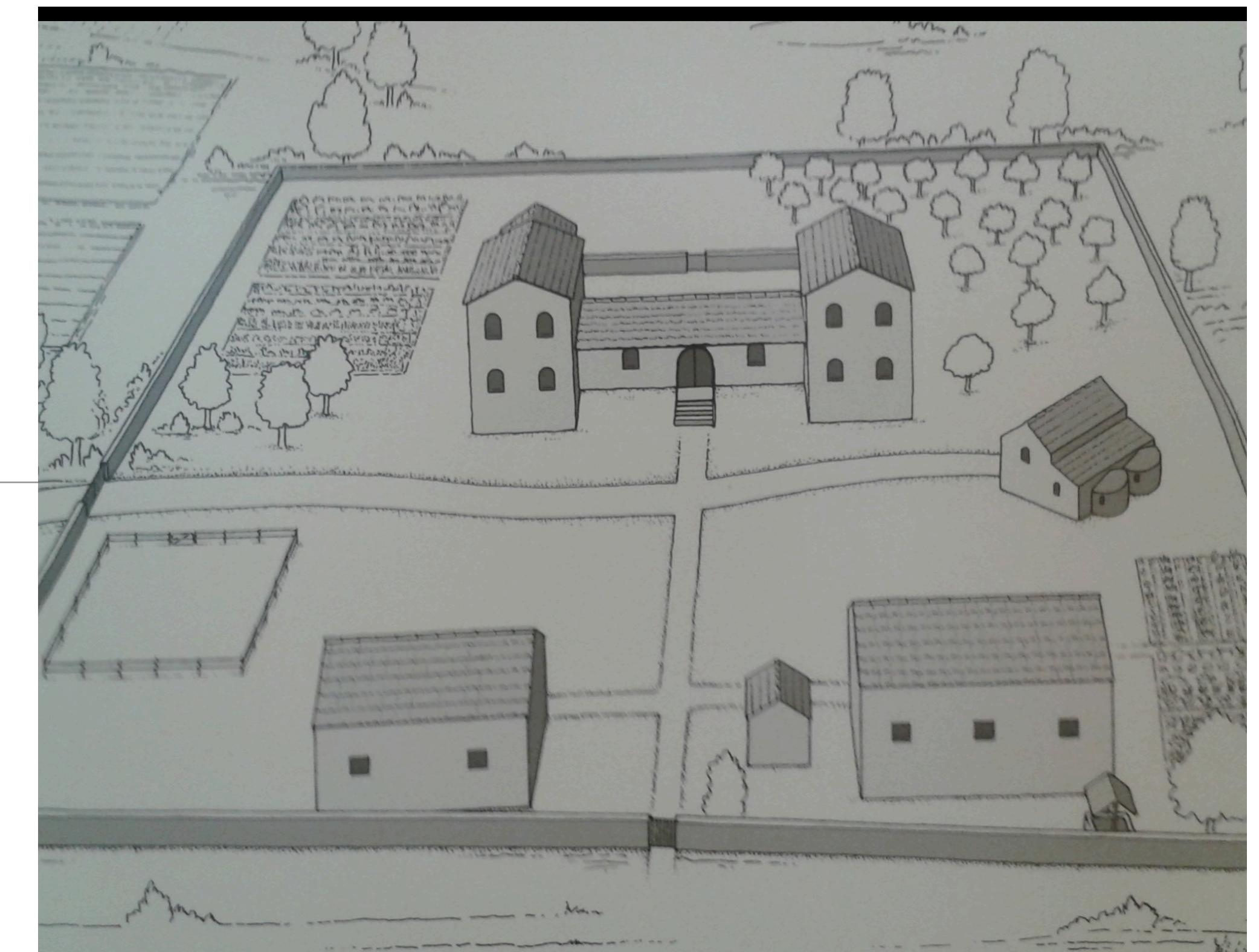


Project: Archaeological Fieldwork



Inspiration

Atlas of Hillforts of Britain and Ireland

From Wikipedia, the free encyclopedia

The **Atlas of Hillforts of Britain and Ireland** is an online database of [hillforts](#)—fortified settlements built in the [Bronze Age](#) and [Iron Age](#)—in the British Isles. It was compiled by researchers from the [University of Edinburgh](#), the [University of Oxford](#) and [University College Cork](#), led by [Ian Ralston](#) and [Gary Lock](#).^{[1][2]} As of 2017, the atlas has 4,147 entries, which the researchers believe to be all of the extant hillforts in Britain and Ireland.^{[1][3]} A printed [atlas](#) is also planned.^[4]

The data was collated from existing catalogues of archaeological sites such as the [National Monuments Records](#) and county [historic environment records](#).^[4] Around 100 volunteers, described as "citizen scientists", also visited sites and contributed information and photographs to the atlas.^{[5][6]} The researchers noted that despite the conventional name "hillforts", under their definition, many are "not on hills and are not really forts".^[7] They included sites that are now only visible through [cropmarks](#).^[4]

The online atlas is hosted by the [Arts and Humanities Research Council](#), which funded the project,^[8] and makes use of [Esri's ArcGIS web map application](#) platform.^[9] The project also collaborated with [Wikimedia UK](#) to make the information in the atlas available to [Wikipedia](#).^[1]

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



Atlas of Hillforts

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

Atlas of Hillforts | Find hillfort or place

IR1040 Knockmahon, Waterford

HER: Archaeological Survey of Ireland SMR Database WA025-065
NMR: WA 025
SM:
NGR:
Status: Confirmed
[View Full Record](#)
[View on WikiData](#)

Summary: This coastal promontory is located immediately SE of Bunmahon town in Co. Waterford. Known as C'Gullys Islands, this triangular grass-covered headland projects SW from the mainland into the Atlantic at an altitude of 5m OD. The landmass is cut off on the landward side by an eroded earthen bank which runs in an E-W direction for c. 35m. It is 6m in width and has an external height of 1.2m. An external ditch measures 8m in width and has a depth of 0.35m. An Ogham stone was recovered from the ditch in the 1980s while another was found in the 1990s (Manning 1989). There is no recorded entrance through the defences. In addition to the area on the mainland, it is likely that the interior once incorporated two off-shore sea stacks that have been separated by the erosion of collapsed sea arches; if so the interior of the fort may have measured in the order of 90m in length and may have extended to 0.18ha. There are no recorded internal features.

Related tables:

References >
Investigations >
Entrances >
Dating Evidence >

Zoom to ...

-7.134 52.106 Degrees

0 1 2km

POWERED BY esri

Earthstar Geographics | The online version of the Atlas of Hillforts of Britain and Ireland...



[Landkarte](#)

[Neuen Ort einfügen](#)

[Zuletzt hinzugefügt](#)

[Letzte Änderungen](#)

[Mobile Ansicht](#)

[Über Vici.org](#)

[Vici widget](#)

In anderen Sprachen

[English](#)

[Français](#)

[Nederlands](#)

Über Vici.org

Vici.org is the archaeological atlas of classical antiquity. It is a community driven archaeological map, inspired by and modelled after Wikipedia.

The first version of Vici.org went online in May 2012. It was preceded by a sister website [Omnesviae.org](#), a roman routeplanner based on the Peutinger map. Since its start, Vici.org has grown a lot. At the time to this writing, over 140 contributors have added nearly 20,000 locations, approximately 1,000 line tracings and over 3,000 images.

Open Data

Similar to Wikipedia, all written content is available for reuse using the [Creative Commons Attribution-ShareAlike](#)-license. Metadata is available using the [CC0 / Public Domain](#) dedication. Images or line tracings may be available under other licenses. Vici.org invites everyone to participate and share his or her knowledge of classical antiquity. Vici.org does provide various services to reuse this shared knowledge, through various [dataservices](#) or by using the [Vici widget](#).

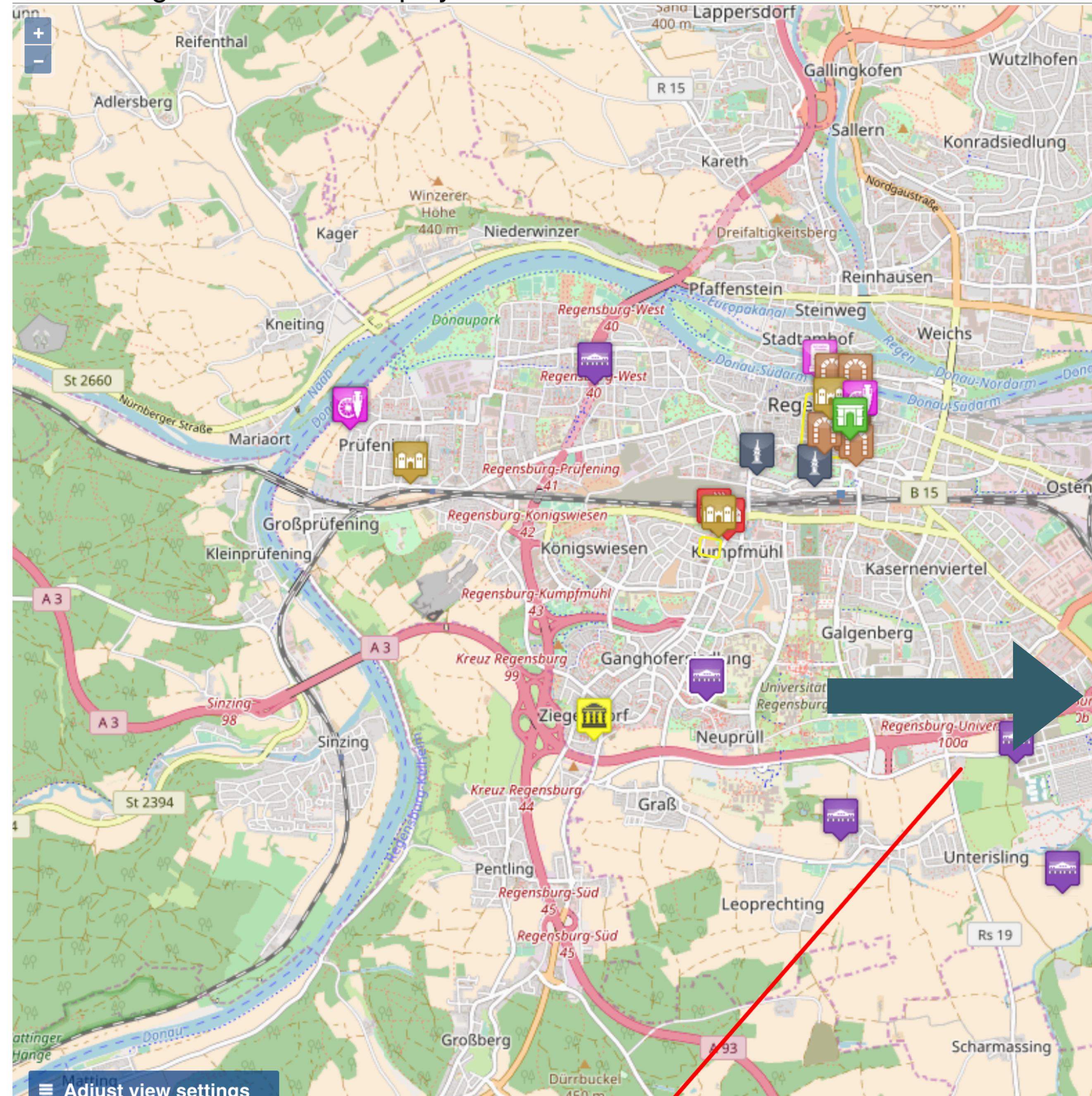
René Voorburg, December 2014.

rene@digitopia.nl

[Map](#)[Add a new place](#)[Recently added](#)[Recently changed](#)[Mobile version](#)[About Vici.org](#)[Vici widget](#)[In other languages](#)[Deutsch](#)[Français](#)[Nederlands](#)

Archaeological Atlas of Antiquity:

search



Selection:
 Villa Rustica Neuprüll

Villa Rustica [[more](#)]

Featured:
 Tempel Ziegetsberg

Merkurtempel [[show](#)]

Kohortenkastell Kumpfmühl

Villa Rustica Neuprüll

Adjust view settings

© OpenStreetMap contributors CC BY-SA

| | | |
|--|--------------------------------------|---|
| Location: geo:48.995224,12.083056 Location ± 5-25 m. | Class: Villa rustica invisible | Identifiers: http://vici.org/vici/26520 |
|--|--------------------------------------|---|

Annotations

Denkmalatlas Bayern: Regensburg, Prüll, Bodendenkmal Denkmalnummer D-3-7038-0397 Beschreibung:
u.a. Villa rustica der römischen Kaiserzeit

[English](#) | [German](#) | [French](#) | [Dutch](#)

Application Concept

Develop an application supporting an exploration of
Archaeological Sites of Interest

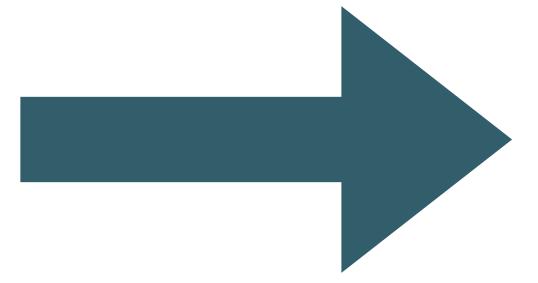
Users are archaeology students.

App should contain a list of sites they have been
assigned to visit.

Users visit site, take photos + notes which augment the
information on the site provided by the app.

Students can add additional sites - which may be
uncharted

2 Versions



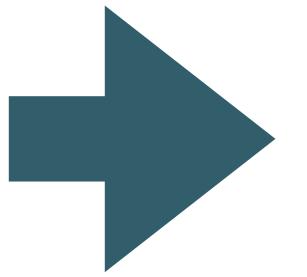
Version 1: Foundation

Version 2: Enhanced

Version 1: Foundation

App Components

1 Opening Screen / Splash Screen:



Suitable Image or Logo
Appears for limited period

2 Signup / Login

3 Toolbar

4 List of Sites

5 Create/Edit Site

6 Settings

App Components

1 Opening Screen / Splash Screen:

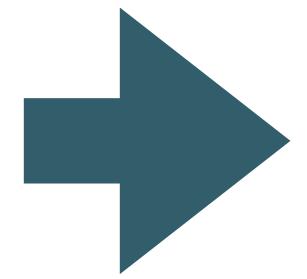
2 Signup / Login

3 Toolbar

4 List of Site

5 Create/Edit Site

6 Settings



Standard signup / login screen
2 Fields: Email Address + Password

App Components

1 Opening Screen / Splash Screen:

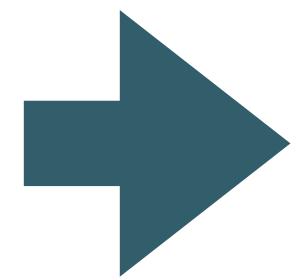
2 Signup / Login

3 Toolbar

4 List of Sites

5 Create/Edit Site

6 Settings



Context Sensitive Menu
options:

- Up
- Logout
- Add
- Cancel
- Delete
- Settings

App Components

1 Opening Screen / Splash Screen:

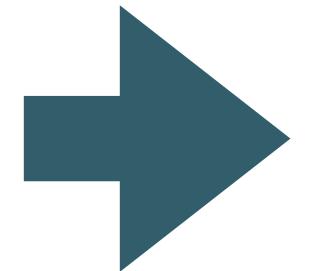
2 Signup / Login

3 Toolbar

4 List of Sites

5 Create/Edit Site

6 Settings



All Site, each Site:

- Name
- Single image
- Location (lat/lng)
- Visited (checked/unchecked)

App Components

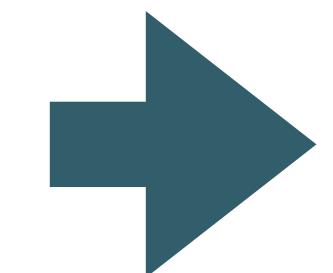
1 Opening Screen / Splash Screen:

2 Signup / Login

3 Toolbar

4 List of Sites

5 Create/Edit Site



6 Settings

Individual Site:

- Name
- Description
- Up to 4 Images
- Edit Location (select from map)
- Visited (checked/unchecked)
- Date Visited
- Additional Notes

App Components

1 Opening Screen / Splash Screen:

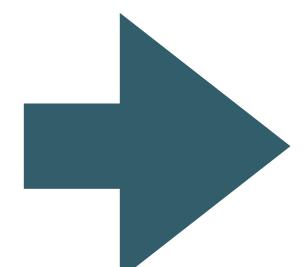
2 Signup / Login

3 Toolbar

4 List of Site

5 Create/Edit Site

6 Settings



Logged in user details

- Email
- Password
- Summary Statistics:
 - Total number of Sites
 - Number visited

Version 2: Enhanced

1 Opening Screen / Splash Screen:

2 Signup / Login

3 Toolbar

4 List of Hillforts

5 Create/Edit Hillfort

6 Settings

7 Search

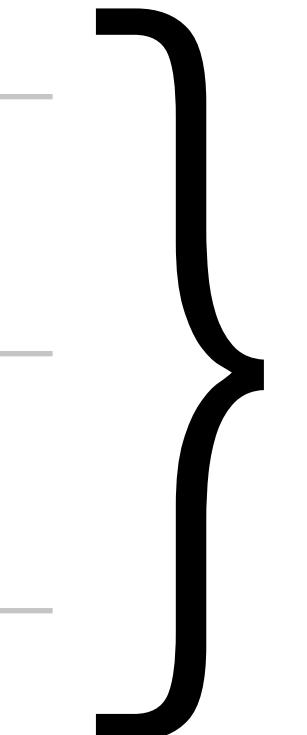
8 Map

9 Track

10 Favourites



Enhance Existing Views
from Version 1



New to Version 2

1 Opening Screen / Splash Screen: Enhancements

2 Signup / Login + • *Register/Authenticate with Cloud Service (Firebase)*

3 Toolbar + • *Access to new views (7-10 below)*

4 List of Hillforts + • *Retrieve/Store list from Cloud Service (Firebase)*

5 Create/Edit Hillfort + • *Set Location of Site from current phone location*

6 Settings + • *Rate Hillfort (1-5 stars)*

+ • *Share Hillfort Details (email or other)*

+ • *Mark Hillfort as Favourite*

New to Version 2

7 Search

- *Find site(s) based on some search criteria*

8 Map

- *Map of all Sites*

9 Navigator

- *Special view to show current lat/lng + map to guide student to precise location*

10 Favourites

- *Quick access to sites marked as favourite*

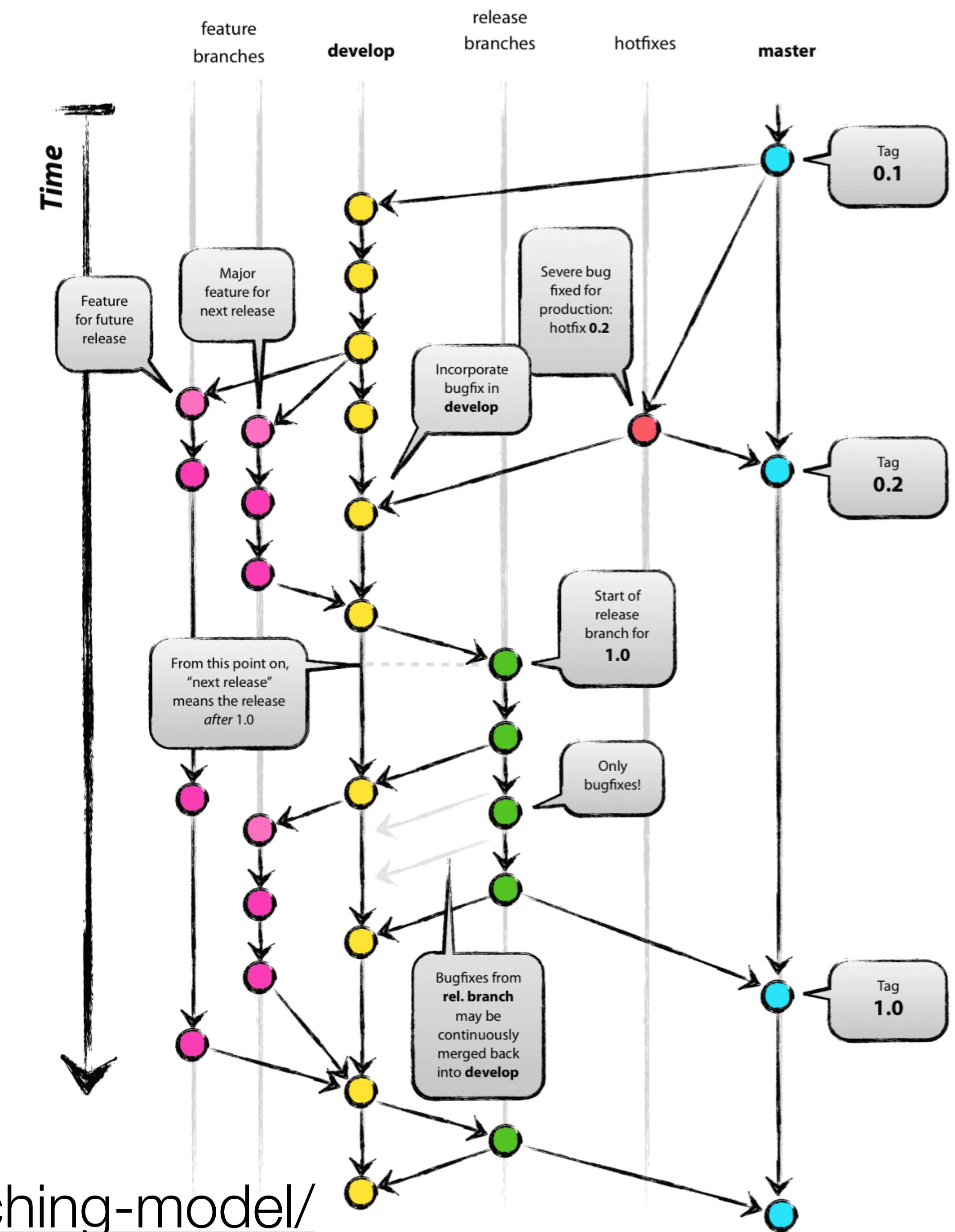
| | Components | Site Features | Navigation | Persistence | Git |
|------------------|----------------------------------|--|----------------------|-------------|---------------|
| Baseline (V1) | - Site List - Site Edit | - Name - Description - Single Images | - Cancel - Delete | - None | - none |
| | - Splash Screen - Site Create | - Up to 2 Images | - Up - Add | - None | - simple repo |

| | Components | Site Features | Navigation | Persistence | Git |
|------------------|----------------------------------|---|----------------------|---------------|-------------------|
| Baseline (V1) | - Site List - Site Edit | - Name - Description - Single Images | - Cancel - Delete | - None | - none |
| | - Splash Screen - Site Create | - Up to 2 Images | - Up - Add | - None | - simple repo |
| Good (V1) | - Signup/Login | - Up to 4 Images - Visited checkbox | - Logout | - Site (JSON) | - commit history |
| | - Settings | - Date Visited - Additional notes - Edit Location | - Settings | - User (JSON) | - tagged releases |

| | Components | Site Features | Navigation | Persistence | Git |
|-------------------|----------------------------------|---|----------------------|-----------------------------------|-------------------|
| Baseline (V1) | - Site List - Site Edit | - Name - Description - Single Images | - Cancel - Delete | - None | - none |
| | - Splash Screen - Site Create | - Up to 2 Images | - Up - Add | - None | - simple repo |
| Good (V1) | - Signup/Login | - Up to 4 Images - Visited checkbox | - Logout | - Site (JSON) | - commit history |
| | - Settings | - Date Visited - Additional notes - Edit Location | - Settings | - User (JSON) | - tagged releases |
| Excellent (V2) | - Map of all sites | - Rate Site | - Navigation Drawer | - Local Database (Room/Sqlite) | - develop branch |
| | - Favourites | - Mark as Favourite | - Landscape support | - firebase authentication | - feature branch |

| | Components | Site Features | Navigation | Persistence | Git |
|---------------------|----------------------------------|---|--------------------------------|-----------------------------------|-------------------|
| Baseline (V1) | - Site List - Site Edit | - Name - Description - Single Images | - Cancel - Delete | - None | - none |
| | - Splash Screen - Site Create | - Up to 2 Images | - Up - Add | - None | - simple repo |
| Good (V1) | - Signup/Login | - Up to 4 Images - Visited checkbox | - Logout | - Site (JSON) | - commit history |
| | - Settings | - Date Visited - Additional notes - Edit Location | - Settings | - User (JSON) | - tagged releases |
| Excellent (V2) | - Map of all sites | - Rate Site | - Navigation Drawer | - Local Database (Room/Sqlite) | - develop branch |
| | - Favourites | - Mark as Favourite | - Landscape support | - firebase authentication | - feature branch |
| Outstanding (V2) | - Search | - Current Location Detection | - Android Navigation Component | - firebase db (images locally) | - release branch |
| | - Navigator | - Share Site | - Photos direct from Camera | - firebase db + images | - hotfix branch |

Git Branching Model



<https://nvie.com/posts/a-successful-git-branching-model/>

| | S | M | T | W | T | F | S | |
|----------|----|----|----|----|----|----|----|-------------------------|
| | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| November | 28 | 29 | 30 | 31 | 1 | 2 | 3 | Topics 00 - 07 (onsite) |
| | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Work on Assignment |
| | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Version 1 |
| | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Topic 09 - Location |
| December | 25 | 26 | 27 | 28 | 29 | 30 | 1 | Topic 10 - Database |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Topic 11 - Firebase I |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Topic 12 - Firebase II |
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 | Work on Assignment |
| | | | | | | | | Version 2 |
| January | 30 | 31 | 1 | 2 | 3 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Assignment Submission |

Submission Guidelines

Deadline : January 12th - 11:00pm

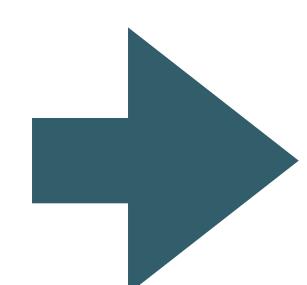
Submit
single
word
document

Student Name :
Demo Video URL :
Project Repo URL :

| Grade Band | Components | Site Features | Navigation | Persistence | GIT |
|-------------|------------|---------------|------------|-------------|-----|
| Baseline | | | | | |
| Good | | | | | |
| Excellent | | | | | |
| Outstanding | | | | | |

Additional Comments:

Template On
Course Web



Project Submission Template

Student Name :
Demo Video URL :
Project Repo URL :

| Grade Band | Geo | Features | UX | GIT |
|-------------|-----|----------|----|-----|
| Baseline | | | | |
| Good | | | | |
| Excellent | | | | |
| Outstanding | | | | |

Additional Comments:

An archive of a word document
to be submitted with
assignment 2

Short Video Demo (8 minutes max)

Student Name :
Demo Video URL :
Project Repo URL :

Github Repo (invite it private)

Template Structure

| Grade Band | Geo | Features | UX | GIT |
|-------------|-----|----------|----|-----|
| Baseline | | | | |
| Good | | | | |
| Excellent | | | | |
| Outstanding | | | | |

Additional Comments:

Additional comments (optional)