**Release and Sprint Plans**

**Team 71 - Really Good Boys**

|  |  |
| --- | --- |
| **Student Number** | **Team Member Name** |
| N9123971 | Fahd Ahmed |
| N9365681 | Charles Alleman |
| N9723960 | Mikhail Burkot |
| N9721657 | Ashley Husband |
| N9745734 | Joshua Lowe |

Tutor: Jesse St. Germain

Version: 1.0

Date: 30/08/2017

**Table of Contents**

[Release 1 3](#_Toc491898022)

[Account System 3](#_Toc491898023)

[Admin Features 3](#_Toc491898024)

[Basic Location Features 3](#_Toc491898025)

[Premium Features 4](#_Toc491898026)

[Release 2 4](#_Toc491898027)

[Ease of Access Features 4](#_Toc491898028)

[Release 3 5](#_Toc491898029)

[Web Service Security 5](#_Toc491898030)

[Delivery Schedule 5](#_Toc491898031)

[Estimated Velocity: 33 Story Points 5](#_Toc491898032)

[Sprint 1 6](#_Toc491898033)

[Current Velocity: undefined 6](#_Toc491898034)

[Story 03: Public Access Pages 6](#_Toc491898035)

[Story 02: Register Account 6](#_Toc491898036)

[Story 01: Account Sessions 6](#_Toc491898037)

[Story 10: Website Administrator 7](#_Toc491898038)

[Story 07: Modify Account Information 7](#_Toc491898039)

[Story 27: Admin User Viewer 7](#_Toc491898040)

[Story 28: Delete Account Holder Account 8](#_Toc491898041)

[Story 05: View Locations 8](#_Toc491898042)

[Story 06: Search Locations 8](#_Toc491898043)

[Story 09: Modify Location Data 9](#_Toc491898044)

[Story 29: View User Suggested Locations 9](#_Toc491898045)

[Story 04: Upload City Map 9](#_Toc491898046)

[Story 08: View City Information 10](#_Toc491898047)

[Story 26: Upload Pictures of Locations 10](#_Toc491898048)

[Story 17: Recommend a Friend 10](#_Toc491898049)

Release Plan

# Release 1

Delivery date: 01/Nov/2017 Total Story Points: 54

Provide a basic website structure that includes the database holding the locations and accounts, and the website itself that can be logged into to view locations and city information, as well as search for locations and upload pictures of them. Website admins can edit location and city information including uploading a city map.

## Account System

Visitors can create an account. Account holders can log into and out of the website, and modify their account information. The website owner can create admin accounts.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Account Sessions | 2 |
| 2 | Register Account | 1 |
| 10 | Website Administrator | 2 |
| 7 | Modify Account Information | 2 |
| 17 | Recommend a Friend | 1 |
|  | Story Point Sub-Total: | 8 |

## Admin Features

Administrators can view the website acting as a client type, can delete accounts, view locations suggested by users and view bug reports submitted by users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 27 | Admin User Viewer | 2 |
| 28 | Delete Account Holder Account | 1 |
| 29 | View User Suggested Locations | 2 |
|  | Story Point Sub-Total: | 5 |

## Basic Location Features

Account Holders can search for locations, view locations and city information, and upload pictures of locations. Admins can modify location data.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 3 | Public Access Pages | 1 |
| 4 | Upload City Map | 1 |
| 5 | View locations | 2 |
| 6 | Search Locations | 1 |
| 8 | View City Information | 1 |
| 9 | Modify Location Data | 2 |
| 26 | Upload Pictures of Locations | 2 |
|  | Story Point Sub-Total: | 10 |

**Advanced Location Features**

Clients will be provided with a list of recommended locations. Clients can also recommend a location to the admins, and can submit location reviews. Clients can also share locations to social media. Account Holders can view location reviews.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 16 | Recommended Locations | 4 |
| 18 | Recommend a Location | 2 |
| 22 | View Location Reviews | 3 |
| 23 | Submit Location Reviews | 1 |
| 25 | Location Sharing | 2 |
|  | Story Point Sub-Total: | 12 |

## Premium Features

Premium Clients can favourite locations, customise the look of the website, see their location on the city map, customise their social profile and will receive emails about recently opened locations.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Favourite Locations | 3 |
| 12 | Website Customisation | 3 |
| 13 | City Location | 5 |
| 14 | Profile Customisation | 3 |
| 15 | Receive email about locations/options | 5 |
|  | Story Point Sub-Total: | 19 |

# Release 2

Delivery date: To Be Negotiated Total Story Points: Not Set

Provide features to increase the accessibility of the website that will allow more users to be able to access our website.

## Ease of Access Features

Features which change the layout or appearance of the site in ways that make it easier for users to access the site and its features.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Change site language | 3 |
| 20 | Website accessibility options | 4 |
| 21 | Mobile Version | 5 |
| 24 | Submit Website Bug Report | 1 |
| 30 | View Website Bug Reports | 1 |
|  | Story Point Sub-Total: | 14 |

# Release 3

Delivery date: To Be Negotiated Total Story Points: Not Set

Introduce features to increase website security so that our user’s information is safe.

## Web Service Security

Security update providing protection of client data through encryption of passwords, Secure Socket Layer (HTTPS) communication to the web service, and the removal of known website vulnerabilities.

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 15 |  | Week 16 |  |  |  |  |  |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 3, 4, … | | | | | | | |

# Estimated Velocity: 33 Story Points

Initial estimated velocity is assumed to be ⅓ of the available time

We have 5 team members working a 4 week (20 day) sprint, which equals 100 days

100 \* ⅓ = 33 days

1 story point = 1 ideal day = 10 hours of work (2 hours \* 5 team members)

33 days = 33 story points

Sprint Plan

# Sprint 1

Total Story Points: 23 Total Hours: 178

## Current Velocity: undefined

## Story 03: Public Access Pages

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T001 | Create home, ToS and about us web pages | 1 |  |
| T002 | Write test cases | 2 |  |
| T003 | Populate the pages with text appropriate to their name | 2 |  |
| T004 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 6 |  |

## Story 02: Register Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T005 | Dev training on django database management | 1 |  |
| T006 | Create registration page with input form and submit button | 1 |  |
| T007 | Write test cases | 2 |  |
| T008 | Create database | 1 |  |
| T009 | Create account table in database | 1 |  |
| T010 | Write code to input user data into database | 1 |  |
| T011 | Write code to check user data does not match another user in database | 1 |  |
| T012 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 9 |  |

## Story 01: Account Sessions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T013 | Dev training on django session handling | 2 |  |
| T014 | Add link to login page to public home page | 1 |  |
| T015 | Create login page with input form | 1 |  |
| T016 | Create main page for logged in users with logout button | 2 |  |
| T017 | Write test cases | 2 |  |
| T018 | Write code to check user credentials with database | 1 |  |
| T019 | Write code to give user a login session | 3 |  |
| T020 | Write code to navigate user to main page | 1 |  |
| T021 | Write code to end the login session | 2 |  |
| T022 | Write code to navigate user to public homepage after logout | 1 |  |
| T023 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 17 |  |

## Story 10: Website Administrator

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T024 | Create admin creation page with input form | 1 |  |
| T025 | Create admin main page with link to admin creation page | 1 |  |
| T026 | Write test cases | 2 |  |
| T027 | Modify accounts table to allow different user types | 1 |  |
| T028 | Hard-code the initial admin account (owner) into the database | 1 |  |
| T029 | Create code to add new admin account to database | 2 |  |
| T030 | Create code to check admin data values do not match another user in database | 1 |  |
| T031 | Create code to display error message in creation failure | 2 |  |
| T032 | Verify the story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 12 |  |

## Story 07: Modify Account Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T033 | Dev training on django forms | 2 |  |
| T034 | Create a modify account information page | 1 |  |
| T035 | Create link to modify account information page from main page | 1 |  |
| T036 | Create editable forms to hold account information | 2 |  |
| T037 | Write test cases | 2 |  |
| T038 | Write code to populate forms containing account information from database | 2 |  |
| T039 | Write code to save modifications to account information | 2 |  |
| T040 | Write code to delete account | 1 |  |
| T041 | Write code for password verification before committing changes | 1 |  |
| T042 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 15 |  |

## Story 27: Admin User Viewer

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T043 | Dev training on django timers | 1 |  |
| T044 | Create link to enable admin user viewer on main page | 1 |  |
| T045 | Create non-admin account for each user type in database | 1 |  |
| T046 | Create list of possible times admin can stay in user viewer | 1 |  |
| T047 | Write test cases | 2 |  |
| T048 | Write code to track time passed on server after a specified time | 1 |  |
| T049 | Write code to log admin account into dummy account | 2 |  |
| T050 | Write code to log admin back into admin account | 2 |  |
| T051 | Write code to log admin back into admin account after certain time has passed | 2 |  |
| T052 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 2 Total Hours: | 15 |  |

## Story 28: Delete Account Holder Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T053 | Create admin delete account holder page with forms | 1 |  |
| T054 | Create link to admin delete account holder page on admin main page | 1 |  |
| T055 | Write test cases | 2 |  |
| T056 | Write code to delete specified user from the database | 1 |  |
| T057 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 6 |  |

## Story 05: View Locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T058 | Dev training on auto generating django pages based on url | 2 |  |
| T059 | Create locations table in database | 1 |  |
| T060 | Create empty view locations page | 1 |  |
| T061 | Create link to view locations page | 2 |  |
| T062 | Write test cases | 3 |  |
| T063 | Write code to generate content on view location page based on url | 5 |  |
| T064 | Write code to generate error message if url does not match to a database entry | 2 |  |
| T065 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 2 Total Hours: | 18 |  |

## Story 06: Search Locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T066 | Create a search bar form on the main page | 1 |  |
| T067 | Write test cases | 2 |  |
| T068 | Write code to determine locations in database matching search bar input | 3 |  |
| T069 | Write code to update main page content with matching locations | 2 |  |
| T070 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 9 |  |

## 

## Story 09: Modify Location Data

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T071 | Create modify location page with location search bar | 1 |  |
| T072 | Add link to modify location page on admin main page | 1 |  |
| T073 | Write test cases | 2 |  |
| T074 | Write code to determine locations in database matching search bar input | 1 |  |
| T075 | Write code to allow admin to select location to edit | 2 |  |
| T076 | Write code to allow admin to edit locations data | 2 |  |
| T077 | Write code to allow admin to save changes to database | 1 |  |
| T078 | Write code to allow admin to delete location from database | 1 |  |
| T079 | Write code to allow admin to deselect location | 2 |  |
| T080 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 14 |  |

## Story 29: View User Suggested Locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T081 | Create suggested locations table in database | 1 |  |
| T082 | Create suggested location page | 1 |  |
| T083 | Add link to suggested location page on admin main page | 1 |  |
| T084 | Write test cases | 2 |  |
| T085 | Write code to display user suggested locations to admin | 2 |  |
| T086 | Write code to allow admin to approve location adding it to location table and remove entry from suggested locations table in database | 1 |  |
| T087 | Write code to allow admin to deny location removing entry from suggested locations table | 1 |  |
| T088 | Write code to allow admin to edit location data in suggested location | 2 |  |
| T089 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 2 Total Hours: | 13 |  |

## Story 04: Upload City Map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T090 | Create map table in database | 1 |  |
| T091 | Create upload city map page with input form | 1 |  |
| T092 | Create link to upload city map page on admin main page | 1 |  |
| T093 | Write test cases | 2 |  |
| T094 | Write code to upload city map to website | 2 |  |
| T095 | Write code to add city map and input field data to database | 2 |  |
| T096 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 10 |  |

## 

## Story 08: View City Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T097 | Create view city map page with picture frame | 1 |  |
| T098 | Create link to view city map page on main page | 1 |  |
| T099 | Write test cases | 2 |  |
| T100 | Write code to display city map for users location | 3 |  |
| T101 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 8 |  |

## Story 26: Upload Pictures of Locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T102 | Create location images table in database | 1 |  |
| T103 | Create upload picture of location page with input form | 1 |  |
| T104 | Write test cases | 2 |  |
| T105 | Write code to upload picture to website | 1 |  |
| T106 | Write code to preview picture | 2 |  |
| T107 | Write code to add picture and input field data to database | 2 |  |
| T108 | Write code to deny upload of data to website | 1 |  |
| T109 | Write code to accept upload of data to website | 1 |  |
| T110 | Write code to change uploaded picture | 1 |  |
| T111 | Update view locations page to display pictures from database | 3 |  |
| T112 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 16 |  |

## Story 17: Recommend a Friend

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T113 | Dev training on sending emails with Python | 1 |  |
| T114 | Create friend referral page with editable forms | 1 |  |
| T115 | Create link to referral page on main page | 1 |  |
| T116 | Create empty email account | 1 |  |
| T117 | Write test cases | 1 |  |
| T118 | Write code to personalise email contents based on input form | 2 |  |
| T119 | Write code to send email to recipient based on input form | 2 |  |
| T120 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 10 |  |

## 