### Release and Sprint Plans

**Team Number 105**

|  |  |
| --- | --- |
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Release Plan

# Release 1

Delivery date: 27 October 2017 Total Story Points: 20

Provide the basic features and layout of the website, users will be able to create and customize their profiles and navigate through web pages to locate information about places and events relevant to their user profile.

## User Accounts

Users can create their own accounts and customize them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Account Login Functionality | 2 |
| S11 | Customer User Profiles | 1 |
| S20 | Secure Data | 1 |
|  | Story Point Sub-Total: | 4 |

## Places and Events

Users will be able to learn about and locate places and events that they are likely interested in.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | View relevant information about a place or event | 1 |
| S02 | Find places and events | 1 |
| S04 | Places and events have a location on a map | 4 |
| S12 | Verified place/event managers | 1 |
| S03 | View media that is related to a place or event | 2 |
|  | Story Point Sub-Total: | 9 |

## Website Layout

Users are presented with a website which is dynamic and easy to navigate.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Navigable page-based interface | 1 |
| S17 | Universal Home page | 1 |
| S08 | Dynamic presentation of relevant material | 4 |
| S15 | Different device compatibility | 1 |
|  | Story Point Sub-Total: | 7 |

# Release 2

Delivery date: To Be Negotiated Total Story Points: 14

The goal of this release is to extend on release 1 by adding a social aspect so that users can share the places and events they’ve been to and also a notification system so that users are notified of nearby places and events which are relevant to them.

## Social Integration

Integrating social aspects will help to the website to reach a larger audience, and allows users to share their experiences with their friends

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Social Sharing | 2 |
| S21 | Social aspect | 2 |
| S14 | User comments & Media on Places/Events | 2 |
|  | Story Point Sub-Total: | 6 |

## Push Notifications

A notification system will help update users on relevant places and events that they pass by.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | Notifications of nearby places | 4 |
| S09 | Notification of Events and times | 4 |
|  | Story Point Sub-Total: | 8 |

# Release 3

Delivery date: To Be Negotiated Total Story Points: 20

The goal of this release is to add some final necessary features (language support and system monitoring) in anticipation for the release of a mobile app for IOS/Android.

## Advanced Features

The finishing touches to make the website stand out.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Multiple Language Support | 4 |
| S10 | System Monitoring by Contributors/Advertisers | 4 |
| S18 | Paired Application IOS/Android | 8 |
| S13 | Advertiser Portal | 4 |
|  | Story Point Sub-Total: | 20 |

### Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | |
| Sprint 1 | | | | Sprint 2 | | | | |
| Release 1 | | | | Release 1 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  | Week 16 |  | Week 17 |  |
| Sprint 1 | | | | Sprint 1 | | | |
| Release 2 | | | | Release 3 | | | |

## Estimated Velocity: 33

* *Team Velocity*
* *5 members working on a 20 day sprint = 100 potential days*
* *100 pot days/ 3 = 33 ideal days per sprint*
* *Ideal days aka story points:*
* *4 weeks – 5 people @ 1.5 hrs per day (8 weeks – 5 people @ 1.5 hrs per day – 1st release)*
* *7.5 hrs per day \* 5 \* 8 = 300 hrs (with 7.5 hrs equivalent to 1 story point)*
* *40 story points for 1st release*
* Team velocity (1 ideal day) 33/ 7.5 = 4.4 = 5

Our team’s ideal days are worked off of 1.5 hours per team member per day. This has been averaged down to 1.5 assuming that some days tasks required to be completed may be quicker and/or IS students tasks may require less time. Additionally because the normal working day in the workforce is 7.5hours. Lastly, we chose to round down instead of up because it is the “ideal” hours, and by rounding down we are encouraging more efficient working and aiming toward faster product completion and challenging our abilities.

\* These calculations will be reviewed at the end of sprint 1 when the team work and progress is reviewed and discussed.

### Sprint Plan

# Sprint 1

Total Story Points: 11 Total Hours: 82

## Current Velocity: 33 (see calculations above)

## Story 06: Navigable page-based interface

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Write apps for each page in Django (Home, login, places, events, map) | 3 |  |
| T02 | Organise links between pages | 1 |  |
| T03 | Write test cases (unit tests) | 2 |  |
| T04 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 7 |  |

## Story 05: Account login functionality

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Write support for MySQL to store user account information | 4 |  |
| T06 | Write form that users can register their information from | 2 |  |
| T07 | Write support for user types (admin, general user types) | 3 |  |
| T08 | Write support for user login sessions | 3 |  |
| T09 | Write test cases (unit tests) | 3 |  |
| T10 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 16 |  |

## Story 01: View relevant information about a place or event

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Write layouts for places and event apps | 2 |  |
| T12 | Provide MySQL support for CRUD of places and events | 4 |  |
| T13 | Write test cases (unit tests) | 2 |  |
| T14 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 9 |  |

## Story 02: Find places and events

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Write a search algorithm for places and events | 3 |  |
| T16 | Display places and events relevant to search criteria and user type | 2 |  |
| T17 | Write test cases (unit tests) | 2 |  |
| T18 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 8 |  |

## Story 17: Universal home page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Write homepage app with relevant information and login link | 2 |  |
| T20 | Setup Django urls to direct to home page | 1 |  |
| T21 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 1 Total Hours: | 5 |  |

## Story 11: Custom user profiles

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Create user profile settings app | 1 |  |
| T23 | Give user capability to update their personal information | 2 |  |
| T24 | Save user profile data to MySQL | 2 |  |
| T25 | Write test cases (unit tests) | 2 |  |
| T26 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 8 |  |

## Story 04: Places and Events can have a location on a map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T27 | Create map app which has google maps support | 8 |  |
| T28 | Places and events are shown on map | 4 |  |
| T29 | Provide user GPS location | 3 |  |
| T30 | Link search algorithm to map | 8 |  |
| T31 | Write test cases (unit tests) | 4 |  |
| T32 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 4 Total Hours: | 29 |  |