**Release and Sprint Plans**

**Group 45**

|  |  |
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Release Plan

# Release 1

Delivery date: 4th October 2017 Total Story Points: 57

This release incorporates all the vital elements to run and use the web-service. Users will be able to register and authenticate to our service. Administrators will be able to add or update new information. Users will be able to search for places.

## Searching

This feature enables users to search the website and associated database to find specific destinations quickly. This adds business value as it increases user usability and ease of use of the website.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 37 | User Search | 5 |
| 18 | Search Result Paging | 2 |
| 9 | Sort Search Result | 2 |
|  | Story Point Sub-Total: | 9 |

## User Authentication

This feature allows users to login to an account and remain logged in while continuing to use the website, which adds business value by giving the user to continuous access to their account and providing smooth use of the service.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 4 | Login to account | 2 |
| 5 | Manage User Session | 1 |
|  | Story Point Sub-Total: | 3 |

## User Account

This feature allows users to create a user account and access the functionality of the website. This adds business value through creating a more personalised experience for the user with reference to details they have provided.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 3 | Create User Account | 4 |
| 22 | User Profile | 4 |
| 36 | Forgot Password | 6 |
|  | Story Point Sub-Total: | 14 |

## 

## Administration Functionality

This feature enables the web-system to be updated and modified efficiently, including the potential to add new cities. This adds business value as more admins are able to monitor the web-system to maintain the destinations provided to users have accurate information and potentially reach a bigger user group.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 8 | Admin Control Panel | 6 |
| 7 | Admin Account Creation | 4 |
| 13 | Extendable System | 6 |
|  | Story Point Sub-Total: | 16 |

## Display Information

This feature allows the user to navigate the website’s database in an easy to read manner and access information on places they are interested in quickly and easily. This adds business value as users are able to find information about the city they are in.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Show Recommended Information | 5 |
| 11 | Saved Places/Pages | 4 |
| 20 | Anchored Menu Navigation | 2 |
| 24 | Individual Item Page | 4 |
| 39 | Individual Category Page | 3 |
| 18 | Search Result Paging | 3 |
| 11 | Saved Places/Pages | 4 |
|  | Story Point Sub-Total: | 22 |

# Release 2

Delivery date: To be decided. Total Story Points: 17

This release builds off of the first release items and provides extra functionality on the web-service for the user.

## Reviews

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 25 | Write User Reviews | 4 |
| 27 | Show Reviews/Rating | 2 |
|  | Story Point Sub-Total: | 6 |

## Geolocation

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Nearby Geolocation Search | 6 |
|  | Story Point Sub-Total: | 6 |

## Extra User Usability

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 32 | Remove User Account | 1 |
| 30 | Link to SNS | 4 |
|  | Story Point Sub-Total: | 5 |

# 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 2 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 | Week 15 | … | … | … | … | … | … |
| Sprint 3 | | | | | | | |
| Release 3 | | | | | | | |

## Estimated Velocity: 30

Sprint Plan

# Sprint 1

Total Story Points: 42 + SAVED PLACES SP Total Hours: 43 + SAVED PLACES HOURS

## Current Velocity: Not defined

## Story ID: Create User Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Create user sign up form | 30 mins | 30mins |
| 2 | Create client-side code for validation and request response from the server | 30 mins | 1.5hr |
| 3 | Create a User table in the database | 30mins | 30mins |
| 4 | Write server-side code to handle request from the signup form and add new users to the database | 30 mins | 2hr |
| 5 | Perform unit tests/acceptance tests | 1 hr | 30min |
|  | Story Points: 3 Total Hours: | 3 hr | 5 hr |

## Story ID: Login To Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 6 | Create login form for users to specify their details. | 30min | 1hr |
| 7 | Write client-side code to handle input validation and request response from the server | 30min | 30min |
| 8 | Write client-side code to handle request from the login form and establish user session | 30min | 2hr |
| 9 | Write unit tests | 30min | 30min |
| 10 | Perform unit tests/acceptance tests | 1 hr |  |
|  | Story Points: 3 Total Hours: | 3 hr |  |

## Story ID: Manage User Session

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 11 | Wrote code to configure and manage user session (Establish upon login and destroy when logged out) | 1hr | 30min |
|  | Story Points: 1 Total Hours: | 1hr | 30 min |

## 

## Story ID: Show Recommended Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 12 | Create unit tests for acceptance criteria | 1hr | 1hr |
| 13 | Create individual category buttons to show primary information based on reading user's session type. | 2hr | 4 hr |
| 14 | Create Django functionality for pages | 1.5hr | 4 hr |
| 15 | Perform unit tests/acceptance tests | 20min | 15min |
|  | Story Points: 5 Total Hours: | 5hr 30min | 9hr 15min |

## Story ID: Individual Item Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 16 | Create Individual item page | 1hr | 1hr |
| 17 | Write code to request and display destination's information including name, address, opening hours, contact number, and description of the place | 3hr | 3hr |
| ~~18~~ | ~~Write client side code to handle Google Maps API~~ | ~~2hr~~ |  |
| 19 | Perform unit tests/acceptance tests | 1hr | 45 min |
|  | Story Points: 5 Total Hours: | 5 hr | 4hr 45min |

## Story ID: Anchored Navigation Bar

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 20 | Create menus to click through links to other important pages on the website | 30min | 30mins |
| 21 | Perform unit tests/acceptance tests | 1hr | 30mins |
|  | Story Points: 2 Total Hours: | 1.5hr | 1hr |

## Story ID: User Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 22 | Inside the navigation bar, add a form using bootstrap and appropriate event handler to manage form submission and request to the server | 1hr | 1hr |
| 23 | Create a search result page | 1hr | 2hr |
| 24 | Write a code to retrieve the results from the database using the search keyword and update the view. | 2hr | 2hr |
| 25 | Perform unit tests/acceptance tests | 1hr | 30min |
|  | Story Points: 5 Total Hours: | 5hr | 5.5hr |

## 

## Story ID: Administrator Account Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 26 | Create admin account creation page and client side code to submit request to the server. | 1hr | 2hr |
| 27 | Write server side code to verify request and create admin account | 1hr | 2hr |
| 28 | Perform unit tests/acceptance tests | 1hr | 1hr |
|  | Story Points: 3 Total Hours: | 3hr | 5hr |

## Story ID: Admin Control Panel

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 29 | Create an admin control panel page and editing functionality to individual item page. | 1hr | 30min |
| 30 | Write client side code to handle the request and response from the server. | 1hr | 1 hr |
| 31 | Perform unit tests/acceptance tests. | 1hr | 0 min |
|  | Story Points: 3 Total Hours: | 3hr | 1.5hr |

**Story ID: Individual Category Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 32 | Create tests | 30min | 45min |
| 33 | Create html pages for all categories individually | 1hr | 1.5 hr |
| 34 | Create Django functionality for pages | 2hr | 4.5 hr |
| 35 | Perform unit tests/acceptance tests. | 1hr | 15min |
|  | Story Points: 3 Total Hours: | 4.5hr | 7 hrs |

**Story ID: User Profile**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 33 | Create html page with a form for user profile and edit button | 1hr | 1hr |
| 34 | Add html link to navigation bar | 10 mins | 10 min |
| 34 | Create Django functionality to display populated fields from database | 1hr | 2hr |
|  | Create code in Django to update model information | 2hr | 2.5hr |
| 35 | Create and perform unit tests/acceptance tests. | 1hr | 1hr |
|  | Story Points: 5 Total Hours: | 4.5hr | 7 hrs |

**Story ID: Saved Pages**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 32 | Add button to item page | 10min |  |
| 33 | Change text on button when clicked | 10min |  |
| 34 | Save location ID to the user database with user ID | 30min |  |
| 35 | Add a link to the navigation menu to the saved places page | 10min |  |
|  | Create and format a .html page for saved places | 2hr |  |
|  | Populate saved places page with location names of the saved locations with links to their individual item page | 1 hr |  |
|  | Story Points: 4 Total Hours: | 4hr |  |

**Story ID: Search Result Paging**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 32 | Write code to determine the number of results found matching the query and how many have been shown on the current page | 3hr |  |
| 33 | Calculate the number of pages to display 20 results per page | 1hr |  |
| 34 | Add buttons with page numbers and link to the respective search pages | 1hr |  |
| 35 | Create next and previous buttons with links | 20min |  |
|  | Add search and page information details to session for continuity between pages | 2hr |  |
|  | Story Points: Total Hours: |  |  |