**Release and Sprint Plans**

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|  |  |
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**Version**: 2.0

**Due Date:** 27/10/2017, 11:59 pm (Friday)

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Release Plan  
\*\*\*Note: All items in blue are related to Sprint 1\*\*\*

# Release 1

Delivery date: 24th October 2017 Total Story Points: 32

All mandatory functional features required by the client. Any user can access the website and navigate with ease. Any user can create an account but only administrators can create an account for other administrators. All city information web pages have the same template.

## Homepage

A user friendly homepage, immediate view of categories of city information with easily identifiable login or registration option.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S1 | Home page | 2 |
|  | Story Point Sub-Total: | 2 |

## Webpage template

Each information (of any city information category) has the same template of data containing the name, address, number, type and email address.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | City information webpages | 2 |
|  | Story Point Sub-Total: | 2 |

## Accounts

Each customer type can create an account relevant to themselves to view personalised city information. Only administrators can create accounts for other administrators. Any users can login and logout at their own convenience.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U1 | Client registration | 5 |
| U2 | Personalised views | 3 |
| U3 | Admin accounts | 4 |
| U5 | Logging out of account | 1 |
| U6 | Logging in to account | 4 |
|  | Story Point Sub-Total: | 17 |

## Location

Users can view and browse all the locations, group by category selected. Admin users can create new category of information and the web page will reflect it accurately.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U7 | Category list of locations | 3 |
|  | Story Point Sub-Total: | 3 |

**Basic essential features**

Users can perform quick searches based on keywords and be directed to the implied location. Users can also provide feedback to admin staff about any concerns or complaints.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U4 | Search functions | 4 |
| O3 | Feedback Page | 4 |
|  | Story Point Sub-Total: | 8 |

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# Release 2

Delivery date: To be negotiated Total Story Points: 36

All non-mandatory but business value features recommended to or suggested by the client. Ensures scalability of system to contain additional information in future.

## Other essential user features

Administrators can upload map of the city in any information item page. Users can find all information pertaining to specific keywords searched and results can be sorted into chronological order. System is scalable to contain additional city information and can provide similar information about other cities.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S3 | Uploading a map | 5 |
| O5 | Other cities | 8 |
| O4 | More variety of information | 5 |
|  | Story Point Sub-Total: | 18 |

## Optional features

Features of lesser importance such as the ability for users to save places for later reference, multilingual user interface so that the site can be translated to the users native language and a feedback page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O1 | Favourites tool | 5 |
| O2 | Language options | 10 |
| S4 | Expanding category list | 3 |
|  | Story Point Sub-Total: | 18 |

# 

# 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 |  |  |  |  |  |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | | | | |

## Estimated Velocity Sprint 1: 27 stories per week [(4 members \* 2 hrs/day \* 5 days \* 4 weeks)/ 3]

## New Estimated Velocity Sprint 2 (reflected from Sprint 1, as per tutor’s advice): 8 story points

Sprint Plan

# Sprint 1

Total Story Points: 8 Total Hours: 32

## Current Velocity: n/a

## Story ID: Home page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a main page and display categories of city information in tiled format | 3 | 10 |
| T02 | Buttons for login and registration | 1 | 0.5 |
| T03 | Write test cases | 2 | 1 |
| T04 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 7 | 12.5 |

## Story ID: City information webpages

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T05 | Creating template to display all mandatory details | 3 | 4 |
| T06 | Create database to allow dynamic updates of information when required | 3 | 12 |
| T07 | Write test cases | 2 | 2 |
| T08 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 9 | 19 |

## Story ID: Admin accounts

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T09 | Create admin management page | 3 | 15 |
| T10 | Create tool for inserting new data (connected to database) | 3 | - |
| T11 | Create tool for modifying data (connected to database) | 3 | - |
| T12 | Create account registration page for future admins | 2 | 3 |
| T13 | Write test cases | 4 | 3 |
| T14 | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 16 | 24 |

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# Sprint 2

Total Story Points: 25 Total Hours: 206

## Current Velocity: 8

## Story ID: Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Professional and aesthetically pleasing design (consistent with main homepage design), where all links and features are functional | 6 |  |
| T16 | Textboxes for mandatory and optional user details at time of registration | 1 | 1 |
| T17 | Submit and cancel button | 1 | 1 |
| T18 | Radio button for customer to select type of user account | 1 |  |
| T19 | Breadcrumb links to lead users back to previous page (i.e. homepage) | 1 |  |
| T20 | Create database to store user details | 2 | 4 |
| T21 | Integrate database connection to website (allowing successful registration and storage of user details on the database) | 10 | 12 |
| T22 | Validation of data entry type (such as correct email format) and password | 5 | 6 |
| T23 | Message for any errors or when account is successfully created | 4 |  |
| T24 | Write test cases | 8 |  |
| T25 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 5 Total Hours: | 41 |  |

## Story ID: Personalised views

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | Professional and aesthetically pleasing, displaying specific information according to user type. All links and features are functional | 6 | 12 |
| T27 | Create link for user to access other non-personalised categories of information | 1 | 1 |
| T28 | Integrate database to website to display relevant and updated information | 10 | 8 |
| T29 | Link categories to personalised home page | 1 | 1 |
| T30 | Button to logout of account visible on users personalised view page | 1 | 1 |
| T31 | Write test cases | 4 | 3 |
| T32 | Verify story is complete (acceptance test) | 2 | 2 |
|  | Story Points: 3 Total Hours: | 25 | 28 |

## 

## \*\*\*Please see next page for newly added stories\*\*\*

## Story ID: Logging in to account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Professional and aesthetically pleasing design (consistent with main homepage design), where all links and features are functional | 4 |  |
| T34 | Submit and cancel button | 1 | 1 |
| T35 | Textbox for username and password entry | 1 | 1 |
| T36 | Breadcrumb links to lead users back to previous page (i.e. homepage) | 1 |  |
| T37 | Integrate database connection to website (validate successful log in) | 10 | 12 |
| T38 | Ensure appropriate security measure (such as encrypted password) | 6 | 6 |
| T39 | Successful login direct users to their personalised view | 3 | 3 |
| T40 | Write test cases (ensure correct validation and session initiates) | 6 |  |
| T41 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 4 Total Hours: | 34 |  |

## Story ID: Logging out of account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T42 | While logged in, logout button is clearly accessible from any views | 6 | 4 |
| T43 | Logging out will ensure user returns to the main homepage (for logging in again) | 2 | 3 |
| T44 | Write test cases (Ensure session ends) | 2 |  |
| T45 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 11 |  |

## Story ID: Search functions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T46 | Create form for search engine | 2 | 2 |
| T47 | Ensure search function is available in any webpage/views | 6 | 6 |
| T48 | Integrate database to retrieve correct information and display results | 12 | 10 |
| T49 | Search results presented by default (as per database item ID) in a professional and aesthetically pleasing manner (consistent with homepage design) | 6 | 6 |
| T50 | Write test cases | 4 |  |
| T51 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 4 Total Hours: | 32 |  |

## Story ID: Feedback page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T52 | Professional and aesthetically pleasing, displaying specific information according to user type. All links and features are functional | 6 | 5 |
| T53 | Create feedback link at the bottom of page - accessible only on homepage and tourist, student and business personalised homepages | 3 | 3 |
| T54 | Create textbox to hold feedback message and in django forms.py format | 1.5 | 1 |
| T55 | Create textbox to hold user details (i.e. name, email) and in django forms.py format | 1.5 | 1 |
| T56 | Buttons for submit and cancel | 1 | 1 |
| T57 | Create database to store feedback message and user details | 3 | 2 |
| T58 | Once successfully submitted, details are stored in the database correctly and user is redirected back to the homepage | 5 | 6 |
| T59 | When user selects cancel, the feedback form should be refreshed | 3 | 3 |
| T60 | Ensure that admin can access and view messages | 2 | 2 |
| T61 | Write test cases | 4 | 4 |
| T62 | Verify story is complete (acceptance test) | 2 | 2 |
|  | Story Points: 4 Total Hours: | 32 | 27 |

## Story ID: Category lists of locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T63 | Webpage template is professional and aesthetically pleasing design (consistent with main homepage design), where all links and features are functional | 6 | 6 |
| T64 | Link each category on homepage to its webpage of locations list | 1 | 1 |
| T65 | Ensure database is in sync with all locations and all information are accurately accessible from different views (personalised and non-personalised views) | 8 | 12 |
| T66 | Actual content display of category list of locations are displayed professionally, simple and user-friendly | 3 | 2 |
| T67 | Reuse code (inheritance) when displaying result, across all category location listing | 3 | 3 |
| T68 | Ensure locations listed are linked to their individual detail page | 5 | 7 |
| T69 | Breadcrumb links to lead users back to previous page (i.e. from individual detail page, back to complete list of locations, back to homepage) | 1 | 1 |
| T70 | Write test cases | 3 | 3 |
| T71 | Verify story is complete (acceptance test) | 2 | 2 |
|  | Story Points: 4 Total Hours: | 31 | 35 |

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