**Release and Sprint Plans**

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**Version**: 2.0

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

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Release Plan

# Release 1

Delivery date: 24th October 2017 Total Story Points: 16

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 | User accounts | 4 |
| U2 | Viewing other information | 1 |
| U3 | Admin accounts | 4 |
| U5 | Logging out of account | 1 |
| U6 | Logging in to account | 2 |
|  | Story Point Sub-Total: | 12 |

# Release 2

Delivery date: To be negotiated Total Story Points: 16

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 | 2 |
| U4 | Search functions | 2 |
| O5 | Other cities | 2 |
| O4 | More variety of information | 2 |
|  | Story Point Sub-Total: | 8 |

## 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 | 2 |
| O2 | Language options | 4 |
| O3 | Feedback Page | 2 |
|  | Story Point Sub-Total: | 8 |

# 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 hours per week [(4 members \* 2 hrs/day \* 5 days \* 4 weeks)/ 3]

## Estimated Velocity Sprint 2: 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: 21 Total Hours: 178

## Current Velocity: 8

## Story ID: Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Professional and aesthetically pleasing design (consistent with main homepage design) | 6 |  |
| T16 | Textboxes for mandatory and optional user details at time of registration | 1 |  |
| T17 | Submit and cancel button | 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 |  |
| T21 | Integrate database connection to website (allowing successful registration and storage of user details on the database) | 10 |  |
| T22 | Validation of data entry type (such as correct email format) and password | 5 |  |
| 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 | 6 | 8 |
| 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 |  |
| T29 | Breadcrumb links to lead users back to previous page (i.e. homepage) | 1 | 1 |
| T30 | Button to logout of account visible on users personalised view page | 1 | 1 |
| T31 | Write test cases (ensure correct validation and session initiates) | 4 |  |
| T32 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 3 Total Hours: | 25 |  |

## \*\*\*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) | 4 |  |
| T34 | Submit and cancel button | 1 |  |
| T35 | Textbox for username and password entry | 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 |  |
| T38 | Ensure appropriate security measure (such as encrypted password) | 6 |  |
| T39 | Successful login direct users to their personalised view | 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 |  |
| T43 | Logging out will ensure user returns to the main homepage (for logging in again) | 2 |  |
| 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 |  |
| T47 | Ensure search function is available in any webpage/views | 6 |  |
| T48 | Integrate database to retrieve correct information and display results | 12 |  |
| T49 | Search results presented by default (as per database item ID) in a professional and aesthetically pleasing manner (consistent with homepage design) | 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 | 6 |  |
| T53 | Create feedback link at the bottom of page (i.e. footer) - accessible only on homepage | 2 |  |
| T54 | Create textbox to hold feedback message | 1 |  |
| T55 | Create textbox to hold user details (i.e. name, email) | 1 |  |
| T56 | Buttons for submit and cancel | 1 |  |
| T57 | Once successfully submitted, user is redirected back to the homepage | 2 |  |
| T58 | Create database to store feedback message and user details | 10 |  |
| T59 | Ensure that admin can access and view messages | 2 |  |
| T60 | Write test cases | 8 |  |
| T61 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 4 Total Hours: | 35 |  |

## Story ID: Category lists of locations

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T62 | Professional and aesthetically pleasing design (consistent with main homepage design) | 5 | 4 |
| T63 | Link each category on homepage to its webpage of locations list | 1 | 1 |
| T64 | Extract information from database and display on webpage | 3 | 4 |
| T65 | Reuse code (inheritance) when displaying result, across all category location listing | 3 | 2 |
| T66 | Ensure locations listed are linked to their individual detail page | 3 | 2 |
| T67 | 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 |
| T68 | Write test cases (Ensure session ends) | 4 |  |
| T69 | Verify story is complete (acceptance test) | 2 |  |
|  | Story Points: 3 Total Hours: | 22 |  |

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**\*\*\*DISCLAIMER: Sprint 3 & 4 have not been altered/corrected\*\*\***

# Sprint 3

Total Story Points: 8 Total Hours: 31

## Current Velocity: n/a

## Story ID: Uploading a map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Create an insert tool for uploading a map in every information item page (for admin only) | 2 |  |
| T34 | Allow locations to be pinpointed on map | 3 |  |
| T35 | Write test cases | 2 |  |
| T36 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story ID: Search functions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T37 | Create form for search engine | 1 |  |
| T38 | Database management to ensure sorting of search results | 4 |  |
| T39 | Write test cases | 2 |  |
| T40 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story ID: Other Cities

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T41 | Create tool for inserting information on other cities into the database | 2 |  |
| T42 | Ensures city information is presented in a consistent format and can be generated dynamically | 2 |  |
| T43 | Write test cases | 2 |  |
| T44 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story ID: More Variety of Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T45 | Create tool for inserting new categories of information | 2 |  |
| T46 | Ensure new categories of additional information can be created dynamically (via database management | 2 |  |
| T47 | Write test cases | 2 |  |
| T48 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

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# Sprint 4

Total Story Points: 8 Total Hours: 30

## Current Velocity: n/a

## Story ID: Favourites tool

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T49 | Create option for account users to bookmark specific pages on city information | 2 |  |
| T50 | Create a favourites tab for users to view their bookmarked pages | 2 |  |
| T51 | Write test cases | 2 |  |
| T52 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story ID: Language options

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T53 | Create language option links at top of every web page | 2 |  |
| T54 | Translate pages to language option 1 | 3 |  |
| T55 | Translate pages to language option 2 | 3 |  |
| T56 | Translate pages to language option 3 | 3 |  |
| T57 | Write test cases | 4 |  |
| T58 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 16 |  |

## Story ID: Feedback page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T59 | Create textbox or a form to hold feedback message | 1 |  |
| T60 | Create textbox to hold non-account user details (i.e. name, email) | 1 |  |
| T61 | Validation message for when form is submitted | 2 |  |
| T62 | Write test cases | 2 |  |
| T63 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

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