**Release and Sprint Plans**

**Team 72**

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Release Plan

# Release 1

Delivery date: 30th of August 2017 Total Story Points: 66

Primary focus is to provide full account functionality with each account type having their own privileges, as well as providing content related to the account type. Admins can edit/modify information provided on the web application and create new admin accounts. Users can create an account type beneficial to them and retrieve required information based on their account type.

## Overall Account Creation

Provide initial user account core functionalities where the user can create a student, tourist or businessman account. A private Administration account will also be created for site management. Users would be able to log in, log out and perform these mechanics in the welcome page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | Log In | 2 |
| S15 | Log Out | 2 |
| S04 | Menu | 2 |
| S02 | Account Creation | 4 |
| S06 | Adding New Administrator | 4 |
|  | Story Point Sub-Total: | 14 |

## Implement Admin Functionality

Implement admin account functionality so they can update/change the city information. Upload a map for city layout and prevent users from utilising admin functionality

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | City Map | 4 |
| S12 | Access Control | 4 |
| S07 | Modify City Information | 4 |
|  | Story Point Sub-Total: | 12 |

## Web Application functionality

Implement the main web application’s requirements. Implement an individual items page for specific city information. Improve the robustness of the web app. Create a main view for each user type, and provide city information for multiple cities.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S09 | Extend City Information | 4 |
| S05 | Main View | 8 |
| S08 | Multiple Cities | 4 |
|  | Story Point Sub-Total: | 16 |

## Preference Options

A search bar will be added for users to search for items/infrastructures they require. Users can also favourite item pages and sort them by filters such as rating, alphabetical order and etc. User patterns will also be tracked to suggest the most beneficial items to them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Item Search | 4 |
| S17 | Favourites | 4 |
| S19 | Sorting Items | 4 |
| S20 | Individual items page | 8 |
| S18 | Reviews | 4 |
|  | Story Point Sub-Total: | 24 |

# Release 2

Delivery date: TBA Total Story Points: 32

Goals in this release plan is to add more user-friendly options and easy navigation by allowing users to search for items via search bar or sorting, as well as “favouriting” or providing appropriate items. Integrate a social mechanic for users to collaborate and express their thoughts for items, as well as being bilingual. And adding future items, as well as adding more content to each item.

## Preference Options

A search bar will be added for users to search for items/infrastructures they require. Users can also favourite item pages and sort them by filters such as rating, alphabetical order and etc. User patterns will also be tracked to suggest the most beneficial items to them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Item Search | 2 |
| S17 | Favourites | 2 |
| S19 | Sorting Items | 2 |
| S20 | Suggested Items | 4 |
|  | Story Point Sub-Total: | 10 |

## Social Collaboration

Users can discuss certain topics with other collaborative users and leave reviews on items. The bilingual option will allow users to change the text to the language that suits them (most beneficial to tourists).

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S21 | Discussions | 4 |
| S18 | Reviews | 2 |
| S14 | Bilingual | 8 |
|  | Story Point Sub-Total: | 14 |

## Miscellaneous Features

Each Item will have a link to it’s own page to display more information about it such as location, pictures/images and events occurring or upcoming. Transportation will be added as an item to include routes, which vehicles and locations.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Individual Items Page | 4 |
| S22 | Transport Options | 4 |
|  | 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 15 | … |  |  |  |  |  |  |
| Sprint 3 | | | |  | |  | |
| Release 2 | | | | | | | |

## Estimated Velocity: 33

Sprint Plan

# Sprint 1

Total Story Points: 10 Total Hours: X

## Current Velocity: 10

## S02: Account Creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Form validation for input values |  |  |
| T02 | Radio Button for account choice type |  |  |
| T03 | Button to register account |  |  |
| T04 | Registers account type in database |  |  |
| T05 | Write test cases |  |  |
| T06 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S06: Adding New Administrator

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Controls to add admin accessible only to admins |  |  |
| T13 | Form for new admin |  |  |
| T14 | Form is validated prior to submission |  |  |
| T50 | Site has at least one administrator in database initially |  |  |
| T15 | Write test cases |  |  |
| T16 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S03: Log In

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T17 | Button to log in |  |  |
| T18 | Text-boxes for username and password |  |  |
| T19 | Form validation for input values |  |  |
| T20 | Log into registered account in database |  |  |
| T21 | Write test cases |  |  |
| T22 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S15: Log Out

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T23 | Button to log out |  |  |
| T24 | Registers in database |  |  |
| T25 | Log in option appears |  |  |
| T26 | Write test cases |  |  |
| T27 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S12: Access Control

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T28 | Users only have read privileges |  |  |
| T29 | Admin have read and write privileges |  |  |
| T30 | Admin modification saves |  |  |
| T31 | Write test cases |  |  |
| T32 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S10: City Map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Map loads on the specified pages |  |  |
| T34 | Map for each city in the database |  |  |
| T35 | Correct city is shown in the map |  |  |
| T36 | Write test cases |  |  |
| T37 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S07: Modify City Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T38 | Button to enter admin editing mode only for admins |  |  |
| T39 | Buttons to modify content and users become visible |  |  |
| T40 | Modifications are saved |  |  |
| T41 | Write test cases |  |  |
| T42 | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S04: Menu

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| TXX | Menu button on all pages |  |  |
| TXX | Menu appears after button click |  |  |
| TXX | Navigation links direct to respective page |  |  |
| TXX | Write test cases |  |  |
| TXX | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |

## S05: Main View

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| TXX | List of Items |  |  |
| TXX | Items displayed relevant to the user’s type |  |  |
| TXX | Each item has name, address, phone number and/or email |  |  |
| TXX | Map of city for each item |  |  |
| TXX | Write test cases |  |  |
| TXX | Verify story is complete (acceptance test) |  |  |
|  | Story Points: Total Hours: |  |  |