**Release and Sprint Plans**

**Team 92**

|  |  |
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Release Plan

# Release 1

Delivery date: 09/10/2017 Week 13 Total Story Points: 64

Provide the website and minimum features for user to register and do basic searches based on the various categories as well as allowing admins to edit any of the current data available.

## User and Admin Access

New users can register for an account and existing users will be able to login with an existing username and password.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Login and Registration | 7 |
| S02 | Administrator Access | 5 |
|  | Story Point Sub-Total: | 12 |

## Search Utility

A search utility for users to search for relevant information. Welcome page should have 3 options as well as a general search bar for the user to select.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Search System | 7 |
| S05 | Welcome page | 6 |
|  | Story Point Sub-Total: | 13 |

## City Information

A dropdown menu/sidebar for city information, where users can find more specific information based on different categories.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S07 | General City Information w/ map | 3 |
| S08 | Entertainment and Food Page | 3 |
| S09 | Places of Interests Page | 3 |
|  | Story Point Sub-Total: | 9 |

## Additional Information Categories

A dropdown menu/sidebar for additional categories of information

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Libraries | 3 |
| S11 | List of Schools | 2 |
| S12 | Accommodation page | 2 |
|  | Story Point Sub-Total: | 7 |

## Maps

A map displaying the city.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S17 | Maps | 3 |
|  | Story Point Sub-Total: | 3 |

## Distinct User page

A different post-login page for each type of user type (Student/Businessman/Tourist)

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S18 | Distinct User-type Page | 5 |
|  | Story Point Sub-Total: | 5 |

## Journey Planner

An option for user to find a route from location A to B

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | Journey Planner | 5 |
|  | Story Point Sub-Total: | 5 |

## User security

A form of verification that ensures user security

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S20 | User security | 10 |
|  | Story Point Sub-Total: | 10 |

# Release 2

Delivery date: To Be Negotiated Total Story Points: 10

Additional features that allows increased interactivity with users.

## Review Section

For every item, there would be a review section for users to input comments and rate the selected item.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Review Section | 4 |
|  | Story Point Sub-Total: | 4 |

## Transport and weather

Displays Weather patterns and transport routes within present City.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Weather | 1 |
| S15 | Transport | 1 |
|  | Story Point Sub-Total: | 2 |

## Special Events Calendar

A calendar to display events happening within the city. User can decide to select any or all of the user type.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Special Events Calendar | 3 |
|  | Story Point Sub-Total: | 3 |

## Password Change

Existing users should also be able to change their passwords.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | Password Change | 1 |
|  | Story Point Sub-Total: | 1 |

# Release 3

Delivery date: To be negotiated Total Story Points: 9

Include additional features for third party advertisements as well as an optional parent/guardian sign up feature.

## Business Advertisement and Tutors Page

Allows advertisement placing for third parties, as well as a page that offers extra tuition services for students.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S17 | Businessman Advertising | 4 |
| S18 | Tutors and Extra Teaching Lessons | 1 |
|  | Story Point Sub-Total: | 5 |

## Guardian/Parent Account and Combined Access

Allows the parent of a minor to monitor their child’s usage.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | Signing in as a Guardian/Parent | 4 |
|  | Story Point Sub-Total: | 4 |

# 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 | | | |  | |  | |
| Release 2, 3, 4, … | | | | | | | |

## Estimated Velocity: 33

Sprint Plan

# Sprint 1

Total Story Points: 28 Total Hours: 28

## Current Velocity: 33

## Story 01: Login and Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create design for login and registration page | 1 | 5 |
| T02 | Write code for login and registration function | 1 | 2 |
| T03 | Testing login and registration functionality | 1 | 1 |
| T17 | Creation of Database | 3 | 2 |
| T18 | Verify that database works | 1 | 1 |
|  | Story Points: 2 Total Hours: | 7 | 11 |

## Story 02: Administrator Access

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T04 | Write code for admin privileges | 4 | 2 |
| T05 | Verifying that administration access works | 1 | 1 |
|  | Story Points: 5 Total Hours: | 5 | 3 |

## Story 04: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Design welcome page | 2 | 1 |
| T07 | Verifying welcome page | 1 | 1 |
| T19 | Design UI Prototype | 3 | 2 |
| T20 | Verify UI Prototype | 1 | 1 |
|  | Story Points: 2 Total Hours: | 7 | 5 |

## Story 05: Search System

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T08 | Design search bar | 1 | 1 |
| T09 | Code search system | 5 | 7 |
| T10 | Verify and test search system | 1 | 1 |
|  | Story Points: 5 Total Hours: | 7 | 9 |

# Sprint 2

Total Story Points: 43 Total Hours: 43

## Current Velocity: 33

## Story 04: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | Fixing homepage templates | 2 | 2 |
|  | Story Points: 2 Total Hours: | 2 | 2 |

## Story 05: Search System

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Implement CSS for Search Result Page | 3 | 2 |
| T23 | Code User Page with Category buttons | 7 | 4 |
| T24 | Verify that buttons load accurate data | 1 | 1 |
|  | Story Points: 11 Total Hours: | 11 | 7 |

## Story 07-12: Creation of search result page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Create paper prototype for result page (UI) | 1 | 1 |
| T26 | Add additional flavour text/details columns to database | 1 | 4 |
| T27 | Verify that list of result page works | 1 | 1 |
|  | Story Points: 3 Total Hours: | 3 | 6 |

**Story 17: Maps**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T28 | Code Map into Map page | 3 | 3 |
| T29 | Obtain Google map placeID | 1 | 1 |
|  | Story Points: 3 Total Hours: | 4 | 4 |

## Story 18: Distinct User-type page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T30 | Create Specific User-type Home Page based on user | 5 | 4 |
| T31 | Code security measures that prevents unknown users from accessing search features | 3 | 3 |
|  | Story Points: 5 Total Hours: | 8 | 7 |

**Story 19: Journey Planner**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T32 | Create Journey planner template | 1 | 1 |
| T33 | Code Journey planner | 3 | 3 |
| T34 | Verify that Journey planner links to Translink site | 1 | 1 |
|  | Story Points: Total Hours: | 5 | 5 |

**Story 20: User Security**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T35 | Create email verification template | 1 | 1 |
| T36 | Code email verification | 5 | 5 |
| T37 | Code token auto-generation process | 2 | 2 |
| T38 | Verify that email verification works and email is sent | 2 | 2 |
|  | Story Points: Total Hours: | 10 | 10 |