**Release and Sprint Plans**

**Team 91**

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Release Plan

# Release 1

Delivery date: 29th September, 2017 Total Story Points: 37

This release will enable the client (administrator) to setup the database and modify it before users are introduced to the system. It will also allow the administrator to update information in the webpage for each user.

Release 1 will also include creating a welcome page, which has the functionality of guests being able to register for an account, or being able to log in to their existing account. It will then display a page with relevant information for the user.

## Database

Developers will create the background architecture necessary as a platform for the system to be built on.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S32 | Database creation | 32 |
|  | Story Point Sub-Total: | 32 |

## Welcome Page

A welcome page must be accessible to any guest. This is to show the guest what we offer and the information they can view when they sign up.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Guest – Welcome Page | 1 |
|  | Story Point Sub-Total: | 1 |

## Login Portal

A guest should be able to find the login portal. This is to allow them to login to view information specific to their user group.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S02 | Guest – Login Portal | 1 |
|  | Story Point Sub-Total: | 1 |

## Registration Portal

A guest should be able to find the registration portal. This is so they can register to the website and join the user group that is applicable to them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Guest – Registration Portal | 1 |
|  | Story Point Sub-Total: | 1 |

## View Map of City and Country

A guest should be able to view a map of the city and administrator should be able to upload and update map.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S29 | City Map Uploading | 2 |
|  | Story Point Sub-Total: | 2 |

# Release 2

Delivery date: 1st November, 2017 Total Story Points:36

Creates modules that allows each user to view the data relevant to their user group. Also a map must be able to be found and brief information about other major capital cities.

## View Data

The core information as defined in the case study, provided from the database via SQL queries dependent on the user’s user group.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Guest – Summary Page | 4 |
| S06 | Student – City Information | 4 |
| S07 | Student – weather information for cities | 4 |
| S08 | Student – Library Information | 4 |
| S10 | Student – University Information | 4 |
| S15 | Tourist – Information about hotels | 4 |
| S23 | Business – Information on hotels | 4 |
| S24 | Business – Information on industry | 4 |
| S25 | Business – Information ona City | 4 |
|  | Story Point Sub-Total: | 36 |

# Release 3

Delivery date: November 25th, 2017 Total Story Points: 96

Expanding to allow for real-time information, such as city bus timetables, metro rail services, government offices, courier services, travel services, educational services, health services and business services.

## Admin Functionality

This feature will allow for an administrator to begin adding and editing items to the database before it is released for users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S35 | Administrator Login | 4 |
| S34 | Administrator Account Creation | 4 |
| S28 | Population and Maintenance of the Database | 8 |
|  | Story Point Sub-Total: | 16 |

## Expanding System

Features that expand on the core functions, allowing users to access a wider variety of information as well as non-core administrator functionality.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S17 | Tourist – Information about Transport | 4 |
| S09 | Student – Find Medical Services | 4 |
| S11 | Student – Government Services | 4 |
| S12 | Student – Public Transport Timetables | 4 |
| S13 | Student – Sort by cost | 4 |
| S14 | Student - Recommendation | 4 |
| S17 | Tourist – Information about transport | 4 |
| S43 | Tourist – Event Information | 4 |
| S19 | Tourist – Information about health care services | 4 |
| S20 | Tourist – Information about tourism products | 8 |
| S21 | Business – Information on government offies | 4 |
| S22 | Business – Information on transport services | 8 |
| S26 | Business – Compare Cities | 4 |
| S27 | Business – Weather information for Cities | 4 |
| S30 | System Information type Expansion | 8 |
| S31 | User Account Viewing | 4 |
| S33 | User Account Removal | 4 |
|  | Story Point Sub-Total: | 80 |

# 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: 33

Sprint Plan

# Sprint 1

Total Story Points: 53 Total Hours: 33.5

## Current Velocity: 33

## Story S32: Database creation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Setup Django server | 1 | 2 |
| T02 | Configure SQLite | 1 | 2 |
| T03 | Create tables in database | 2 | 1 |
| T04 | Create constraints for fields | 6 | 1 |
| T05 | Create default admin account for client | 0.5 | 0.5 |
| T06 | Verify story is complete | 1 | 1 |
|  | Story Points: 32 Total Hours: | 11.5 |  |

## Story S35: Administrator Login

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T10 | Create a page for administrator login | 1 |  |
| T11 | Verify story is complete | 1 | 1 |
|  | Story Points: 4 Total Hours: | 2 |  |

## Story S01: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T12 | Create a welcome page with links to login, etc | 1 |  |
| T13 | Make accessible from all pages | 1 |  |
| T14 | Verify story is complete | 1 | 1 |
|  | Story Points: 1 Total Hours: | 3 |  |

## Story S28: Population and Maintenance of the Database

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Insert skeleton data where necessary | 1 |  |
| T16 | Create forms for creating new entries for entities | 1 |  |
| T17 | Write SQL queries for creating new entities | 4 |  |
| T18 | Verify story is complete | 1 | 1 |
|  | Story Points: 8 Total Hours: | 7 |  |

## Story S29: City Map Uploading

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Create a file that stores map data | 1 | 1 |
| T20 | Create a form to upload a map | 1 | 1 |
| T21 | Verify story is complete | 1 | 1 |
|  | Story Points: 2 Total Hours: | 3 |  |

## Story S02: Guest – Login Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Create a page with a login form | 1 |  |
| T23 | Verify story is complete | 1 | 1 |
|  | Story Points: 1 Total Hours: | 2 |  |

## Story S04: Guest - Registration Portal

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T24 | Create a page with an account registration form | 1 |  |
| T25 | Verify story is complete | 1 | 1 |
|  | Story Points: 1 Total Hours: | 2 |  |

# Sprint Plan 2

Total Story Point: 36 Total Hours:112.5

Current Velocity: 33

S05 Guest – Summary Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create HTML template for page | 0.5 | 5 |
| T02 | CSS style the website and integrate a logout applet | 2 | 2 |
| T03 | Add buttons to switch between users | 1 | 3 |
| T04 | Add map functionality | 1 | 2 |
| T05 | Setup SQL readback box | 1 | 4 |
| T06 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 6.5 | 16.5 |

S06 Student – City Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Populate database with information | 3 | 2 |
| T08 | Setup sql queries | 1 | 2 |
| T09 | Mark out map | 2 | 2 |
| T10 | Set up buttons | 1 | 3 |
| T11 | Debugging | 1 | 1 |
| T12 | Acceptance Test | 1 | 0.5 |
| T13 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S07 Student – weather information for cities

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T14 | Populate database with information | 3 | 2 |
| T15 | Setup sql queries | 1 | 2 |
| T16 | Mark out map | 2 | 2 |
| T17 | Set up buttons | 1 | 3 |
| T18 | Debugging | 1 | 1 |
| T19 | Acceptance Test | 1 | 0.5 |
| T20 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S08 Student – Library Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T20 | Populate database with information | 3 | 2 |
| T21 | Setup sql queries | 1 | 2 |
| T21 | Mark out map | 2 | 2 |
| T22 | Set up buttons | 1 | 3 |
| T23 | Debugging | 1 | 1 |
| T24 | Acceptance Test | 1 | 0.5 |
| T25 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S10 Student – University Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | Populate database with information | 3 | 2 |
| T28 | Setup sql queries | 1 | 2 |
| T29 | Mark out map | 2 | 2 |
| T30 | Set up buttons | 1 | 3 |
| T31 | Debugging | 1 | 1 |
| T31 | Acceptance Test | 1 | 0.5 |
| T32 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S15 Tourist – Information about hotels

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T33 | Populate database with information | 3 | 2 |
| T34 | Setup sql queries | 1 | 2 |
| T35 | Mark out map | 2 | 2 |
| T36 | Set up buttons | 1 | 3 |
| T37 | Debugging | 1 | 1 |
| T38 | Acceptance Test | 1 | 0.5 |
| T39 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S23 Business – Information on hotels

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T40 | Populate database with information | 3 | 2 |
| T41 | Setup sql queries | 1 | 2 |
| T42 | Mark out map | 2 | 2 |
| T43 | Set up buttons | 1 | 3 |
| T44 | Debugging | 1 | 1 |
| T45 | Acceptance Test | 1 | 0.5 |
| T46 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S24 Business – Information on industry

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T47 | Populate database with information | 3 | 2 |
| T48 | Setup sql queries | 1 | 2 |
| T49 | Mark out map | 2 | 2 |
| T50 | Set up buttons | 1 | 3 |
| T51 | Debugging | 1 | 1 |
| T52 | Acceptance Test | 1 | 0.5 |
| T53 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |

S25 Business – Information on a City

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T54 | Populate database with information | 3 | 2 |
| T55 | Setup sql queries | 1 | 2 |
| T56 | Mark out map | 2 | 2 |
| T57 | Set up buttons | 1 | 3 |
| T58 | Debugging | 1 | 1 |
| T59 | Acceptance Test | 1 | 0.5 |
| T60 | Verify Story is complete | 1 | 0.5 |
|  | Story Points: Total Hours: | 10 | 12 |