**Release and Sprint Plans**

**Team 44**

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Version: 1

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Release Plan

# Release 1

Delivery date: 1st November 2017 Total Story Points: 34

Working prototype of the smart city system will be developed based on the requirement from the client. The system will provide an initial website that will provide detailed information about the city. Each users will be able to create account while selecting their preferred user type. Based on the information logged in registered users will be able to view information that is relevant to their user type. Admin user is created to give permission to modify the website.

## Website

Main landing website, the users can view the city information. Aesthetically pleasing page with easy navigation layout. Clear location of identifiable registration and login buttons.

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

## Database

MySQL database that contains and stores all the information displayed on the system

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S4 | Detailed city information | 3 |
| S5 | City database manipulation | 1 |
| S6 | Database rows | 1 |
| U11 | City information database | 1 |
| U12 | Database segmentation | 1 |
| U19 | Update / Create for data | 1 |
|  | Story Point Sub-Total: | 8 |

## Account system

System that handles the login and logout process. Users account detailed is kept confidentially

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U6 | Account login | 4 |
| U7 | Account logout | 1 |
| U8 | Account security | 2 |
|  | Story Point Sub-Total: | 7 |

## User Account

Each users can register new account while selected their preferred user type. Users are able to update details and also able to change user type based on their current needs.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U1 | Account creation | 3 |
| U2 | Account type | 3 |
|  | Story Point Sub-Total: | 6 |

## Administrator Account

Admin is provided with admin account which gives privileges to the website. Admin will have their own admin landing page and have the sole permission to create another admin account

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U3 | Admin account | 3 |
| U4 | Admin account page | 2 |
| U15 | Other Admins | 2 |
|  | Story Point Sub-Total: | 7 |

## Detailed Information

Users are able to view highly detailed information of the city in sub categories which contains all the relevant information of the city.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U17 | City information | 2 |
| U18 | Industries information | 2 |
|  | Story Point Sub-Total: | 4 |

# Release 2

Delivery date: To be negotiated Total Story Points: 31

Provide users with additional information of the other cities and new functionalities which consists of interactive map and search tool. New admin only feature that allow much deeper customisation of the website. The users account type can also be changed so that users are not only limited to the user type that were selected from the initial registration.

## System Features

Feature that brings interactive feature of the system. Users are able to search quickly for the information and also have interactive map of the city.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U10 | Search system | 3 |
| U13 | Map data | 3 |
|  | Story Point Sub-Total: | 6 |

## Administrator Features

Admin have the sole ability to edit/modify the contents of the website. Admin can upload maps and control the registered users account.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | Admin website customisation | 3 |
| S3 | Map upload | 1 |
| U5 | User management | 2 |
|  | Story Point Sub-Total: | 6 |

## User Enhancements

Provide registered users with extra features to update and recovery their account information. Users are also able to change their current user types to access other information.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| U9 | Account recovery | 4 |
| U14 | Change user type | 2 |
| U16 | Update account information | 3 |
|  | Story Point Sub-Total: | 9 |

## More City Information

Implementation of additional Australian cities and addition of new city services that was not featured in the previous version.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O5 | Different cities | 5 |
| O6 | More city information | 5 |
|  | Story Point Sub-Total: | 10 |

## Temp

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
|  |  |  |
|  |  |  |
|  | Story Point Sub-Total: |  |

# Release 3

Delivery date: To be negotiated Total Story Points: 35

List of all the optional non-mandatory recommended features that could bring more value to the business from both client and the developers. To gain scalability to accommodate changing demands from the users of the system.

## Mobile application

Standalone mobile application designed specifically for mobile devices (iOS and Android) to gain more users

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O7 | Mobile application | 8 |
|  | Story Point Sub-Total: | 8 |

## Feedback, Forum and Social Media

Features that are less important to the system but could bring more value to both business and the users. Online forum and social media integration bring more active interaction between users and feedback that could benefit the business for further improvement of the system.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O2 | Feedback page | 3 |
| O3 | Social media integration | 1 |
| O4 | Online forum | 5 |
|  | Story Point Sub-Total: | 9 |

## Extra Useful Features

Very useful feature that could be bring more value to the users using the system. Users will benefit from these extra features which brings much more efficiency for regular users of the system

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O8 | Rating system | 4 |
| O9 | Calendar system | 3 |
| O10 | Favourite feature | 3 |
|  | Story Point Sub-Total: | 10 |

## Language Feature

Users will be able to change the displayed language of the website to their preferred language

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| O1 | Language options | 8 |
|  | 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 | | | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

[(5 members \* 2 hrs/day \* 5days \* 4weeks (20days))/3]

100 potential days = 34 ideal days per sprint

Sprint Plan

# Sprint 1

Total Story Points: Total Hours:

## Current Velocity:

## Story ID: Title

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: |  |  |

## Story ID: Title

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: |  |  |

## Story ID: Title

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  | Story Points: Total Hours: |  |  |