**Release and Sprint Plans**

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**Table of Contents**

[**Release 1**](#_30j0zll) **3**

[Main Home page](#_1fob9te) 3

[Create account and login](#_3znysh7) 3

[Searching](#_5j0zt7zy8zr) 3

[Admin Panel](#_gnir657f4gvh) 3

[Location services](#_534g8ccpbgi1) 3

[**Sprint 1**](#_35nkun2) **4**

[Current Velocity:undefined](#_1ksv4uv) 4

[Story 01: Welcome Page](#_44sinio) 4

[Story 02: Create an Account](#_2jxsxqh) 4

[Story 03: Login into Smart City](#_z337ya) 4

[Story 04: Map of City](#_aa0nwyzfi196) 4

[Story 05: Business hub information](#_nirv9o1m17lh) 5

[Story 06: Search for attractions](#_j5oeyhelbchz) 5

[Story 07: Search for University and library](#_qoyyb9iow79o) 5

[Story 08: Manage website as admin](#_c641ix6uqkvc) 5

Release Plan

# Release 1

Delivery date: To be Negotiated Total Story Points: 21

The aim of first release is to develop the basic functionality of the application such as creating a homepage, signup page and login page so that new user create account and login into the system to search for universities, libraries, industries, restaurants, hotels and malls.

## Main Home page

The main home page is created and visible to the users.

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

## Create account and login

Users can create their account by providing appropriate info and login into website using their provided information.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | Create an account | 4 |
| S3 | Log into smart city | 1 |
|  | Story Point Sub-Total: | 5 |

## Searching

Users can search for different locations in the website using search indicators available with different type of filters available.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S5 | Business hub informations | 2 |
| S6 | Search for attractions | 2 |
| S7 | Search for university and library | 2 |
|  | Story Point Sub-Total: | 6 |

## Admin Panel

Admin can manage the website to update it frequently.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S8 | Manage website as admin | 4 |
|  | Story Point Sub-Total: | 4 |

## Location services

Users can get list of nearby places using map.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S4 | Map of city | 4 |
|  | Story Point Sub-Total: | 4 |

Sprint Plan

# Sprint 1

Total Story Points:21 Total Hours: 72

## Current Velocity: 21

## Story 01: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T1 | Write code to add main page and search box. | 4 |  |
| T2 | Create signin and signup button on main page and connect those button with related page. | 2 |  |
| T3 | Code to create Header and footer for Quick links. | 1 |  |
| T4 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story 02: Create an Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T5 | Write code to create a page for create account. | 2 |  |
| T6 | Multiple input boxes for different type of user‘s information | 2 |  |
| T7 | Create and connect database for user’s information. | 2 |  |
| T8 | Code to add signup button to save information into database | 2 |  |
| T9 | Signup button stores user information into database. | 1 |  |
| T10 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 10 |  |

## Story 03: Login into Smart City

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Create a page which allows user to login into website. | 2 |  |
| T12 | Create input boxes for username and password. | 2 |  |
| T13 | Add javascript and PHP Validation to Validate user input and display appropriate error messages. | 3 |  |
| T14 | Connect login page with main search page. | 1 |  |
| T15 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 9 |  |

## Story 04: Map of City

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Create near me button on main page. | 1 |  |
| T17 | Add javascript APIs to show Google map with indicator marks of results. | 2 |  |
| T18 | Create map which shows list of result on map with markers | 2 |  |
| T19 | Write code which shows links of direction of the destination from user’s current location. | 3 |  |
| T20 | Buy google map APIs key from google map services. | 1 |  |
| T21 | verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 10 |  |

## Story 05: Business hub information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T22 | Create database which has information of all businesses around brisbane city. | 2 |  |
| T23 | Connect business database with website. | 1 |  |
| T24 | Write code to restrict business users to see business related data only | 2 |  |
| T25 | verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 6 |  |

## Story 06: Search for attractions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | Create database of all visitable place around brisbane city. | 2 |  |
| T27 | Connect database with website. | 1 |  |
| T28 | Write code to retrieve search terms related to visitable place around brisbane city from database | 3 |  |
| T29 | verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story 07: Search for University and library

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T30 | Create a educational database of university and libraries of brisbane city | 2 |  |
| T31 | Connect the database of university and libraries to the website | 1 |  |
| T32 | Retrieve university and libraries data information from educational database. | 3 |  |
| T33 | Write code to show ratings and reviews for universities and libraries. | 2 |  |
| T34 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 9 |  |

## Story 08: Manage website as admin

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T35 | Create front end view of website for admin panel. | 4 |  |
| T36 | write code to add permission for admin to change website design and content . | 2 |  |
| T37 | write code to give permission for admin to add, update and delete information on the databases. | 2 |  |
|  | write code which allows admin to manage user’s information on database. | 2 |  |
| T38 | verify story is completed (acceptance test). | 1 |  |
|  | Story Points: 4 Total Hours: | 11 |  |

Release Plan

# Release 2

Delivery date: 1 November 2017 Total Story Points: 22

The aim of second release is to make website more easy to use and show more information about the website through about us page. The aim is to implement a specific result page of places that show more information to the users and users can add reviews.

## Search box

Users can search places from any page of the website using search box provided.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S9 | Search box | 2 |
|  | Story Point Sub-Total: | 2 |

## Specific result page

User can go to specific result page by clicking on a particular result of search-results page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Specific result page | 8 |
|  | Story Point Sub-Total: | 8 |

## Easy to Sign in

The Sign in link is provided on every page which makes easy for the user to log in,

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Easy to Sign in | 1 |
|  | Story Point Sub-Total: | 1 |

## Add review Businessman

Businessman can give review of hotels and industries by clicking on a particular hotel or industry on search-results page which directs to specific page that contains text box for adding review.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S12 | Add review Businessman | 2 |
|  | Story Point Sub-Total: | 2 |

## Add review Tourist

Tourist can give review of hotels, restaurants and tourist spots by clicking on a particular hotel or restaurant on search-results page which directs to specific page that contains text box for adding review.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Add review Tourist | 2 |
|  | Story Point Sub-Total: | 2 |

## Add review Student

Student can give review of colleges and libraries by clicking on a particular college or library on search-results page which directs to specific page that contains text box for adding review

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S14 | Add review Student | 2 |
|  | Story Point Sub-Total: | 2 |

## Check review

User can go to specific result page by clicking on a particular result of search-results page and can check reviews added by other clients.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S15 | Check review | 1 |
|  | Story Point Sub-Total: | 1 |

## About us page

The about us link is in the footer which takes user to contact details.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | About us page | 4 |
|  | Story Point Sub-Total: | 4 |

Sprint Plan

# Sprint 2

Total Story Points: 22 Total Hours: 44

## Current Velocity: 22

## Story 09: Search box

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T39 | Write code to implement search box on every page | 3 |  |
| T40 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

**Story 10: Specific result page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T41 | Writing code for specific result page | 7 |  |
| T42 | Linking the result page to specific result page | 1 |  |
| T43 | Create map which shows location using marker | 4 |  |
| T44 | Extract information from database | 3 |  |
| T45 | verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 8 Total Hours: | 16 |  |

## Story 11: Easy to sign in

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T46 | Sign in link implementation | 1 |  |
| T47 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 2 |  |

## Story 12: Add review businessman

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T48 | Write code to implement feature | 3 |  |
| T49 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story 13: Add review tourist

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T50 | Write code to implement feature | 3 |  |
| T51 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## Story 14: Add review student

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T52 | Write code to implement feature | 3 |  |
| T53 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

**Story 15: Check review**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T54 | Write code to implement feature | 1 |  |
| T55 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 2 |  |

## Story 16: About us page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T56 | Write code to implement About us page | 5 |  |
| T57 | Code to create Header and footer for Quick links. | 2 |  |
| T58 | Verify story is completed (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |