**IFB299 Application Design and Development**

**Release and Sprint Plans**

**Team Number:4**

|  |  |
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Version: 1.2

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# Release Plan

# Release 1

Delivery date: Week 14 Total Story Points:27

For the first release, the goal is to provide the main functionality of the City web application. This release will cover the essential features that will enable users to access the web portal to log-in and create an account to be able to use the website features. This will provide users information about Brisbane city in similar format regardless of user type.

## Primary Interactions

This will be the first interaction a user will have with the system once opened, it will contain the essential login/signup features as well as a preview of what a potential user can expect. This feature can customize the experience of the user depending on user type and direct them to more relevant information, this ultimately ensures sound business value .

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Welcome page | 1 |
| S02 | Home Page | 2 |
| S03 | Register For Account | 2 |
| S04 | Login To Account | 2 |
|  | Story Point Sub-Total: | 7 |

## Admin Access

An administrator should have access to data beyond that presented to other user types. An admin can manipulate data and have more control of the system as a whole.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Create Administrator Account | 2 |
| S07 | Admin Modification | 2 |
|  | Story Point Sub-Total: | 4 |

## Navigation

This is implemented as a high priority functionality as it provides the user with the right tools to enjoy a tailored user experience, enabling them to search for specific keywords and pinpoint areas around them to narrow down their search results.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Map | 8 |
| S13 | Navigation Bar | 4 |
| S14 | Filtering | 4 |
|  | Story Point Sub-Total: | 16 |

# 

# Release 2

Delivery date: To Be Negotiated Total Story Points:24

For the second release, account security will be upgraded as well as account types and locations these different types would be interested in.

## Account Security

For information to be collected safely and legally, the correct security features need to be used.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Security | 4 |
|  | Story Point Sub-Total: | 4 |

## 

# Release 3

Delivery date: To Be Negotiated Total Story Points:10

Release three will see the introduction for reviewing and recommending locations and businesses. The language change option will also be added so that people from different countries can use the service. Favourites will also be added so users can saves places they find with appropriate reviews.

## Reviews

By adding reviews, users will be able to determine which parts of their trip is worth doing.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S09 | View Reviews/Recommendations | 4 |
| S10 | Make Reviews/Recommendations | 2 |
|  | Story Point Sub-Total: | 6 |

## Changing Language

This can provide the user with more convenient and relevant information regarding location.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S08 | Translation | 2 |
|  | Story Point Sub-Total: | 2 |

## Favorites

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S15 | Favourites | 2 |
|  | Story Point Sub-Total: | 2 |

# 

# 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: (4\* 20)/3 = ~27

Sprint Plan

# Sprint 1

Total Story Points: 18 Total Hours: 37

Current Velocity: 27

## Story 03: Register for Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create registration web page with textbox for user detail entry | 1 | 1 |
| ~~T02~~ | ~~Create Radio Button For Choose User Type (i.e. Student, Businessman Or Tourist)~~ | ~~0.5~~ | ~~1~~ |
| T03 | Create “Submit” Button To Add Details To Database | 1 | 2 |
| T04 | Create Social Media Button To Register Via Facebook Or Gmail | 1 | x |
| T05 | Write test cases | 1 | 1 |
| T06 | Verify Email Validity | 0.5 | 4 |
|  | Story Points: 2 Total Hours: | 5 | 8 |

## Story 04: Login to Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Create Login Page And Username/Password Textbox | 0.5 | 1 |
| T08 | Create Buttons To Login Via Facebook or Gmail | 1 | - |
| T09 | Create “Login” Button to Check If Data Is Valid | 1 | 3 |
| T10 | Display error disclaimer is data is invalid | 1 | - |
| T11 | Write test cases | 1 | 1 |
| T12 | Verify story is complete | 0.5 | 1 |
|  | Story Points: 2 Total Hours: | 5 | 6 |

## Story 07: Admin Modification

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Create admin modification page accessible by admin only | 2 | 4 |
| T14 | Create “Edit” button | 0.5 | 1 |
| T15 | Create Data fields (colleges, industries, libraries and city information) to edit data | 1 | 3 |
| T16 | Create “Save” and “Cancel” buttons | 2 | 2 |
| T17 | Create test cases | 1 | 1 |
| T18 | Verify story completeness | 1 | 1 |
|  | Story Points: 2 Total Hours: | 7.5 | 12 |

## Story 13: Navigation Bar

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T19 | Create Search Engine Form | 2 | 2 |
| T20 | Write code to retrieve search terms from database | 3 | 4 |
| T21 | Add links to Favorites, Home, Language, and Account Settings | 0.5 | 1 |
| T22 | Create code to toggle navigation bar into drop down menu when web page size is small | 1 | - |
| T23 | Sort search results via Database | 0.5 | - |
| T24 | Write test cases | 1 | \* |
|  | Story Points: 4 Total Hours: | 8 |  |

## Story 11: Map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Implement Google API | 4 |  |
| T26 | Create Model Map | 2 |  |
| T27 | Create Data | 1 |  |
| T28 | Add location markers to the map | 1 |  |
| T29 | Enable Geolocations | 2 |  |
| T30 | Write test cases | 1 |  |
| T31 | Verify Map works | 0.5 |  |
|  | Story Points: 8 Total Hours: | 11.5 |  |

## SPRINT 2

## Story 11: Map

## This feature has been moved from the first sprint to the second

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25 | Implement Google API | 4 | 6 |
| T26 | Create Model Map | 2 | 3 |
| T27 | Create Data | 1 | 2 |
| ~~T28~~ | ~~Add location markers to the map~~ | ~~1~~ |  |
| T29 | Enable Geolocations | 2 |  |
| T30 | Write test cases | 1 | 1 |
| T31 | Verify Map works | 0.5 | 0.5 |
|  | Story Points: 8 Total Hours: | 11.5 |  |

## Story #01: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create html/css for welcome page | 3 | 3 |
|  | Develop page with Django framework | 5 | 3 |
|  | Write test cases | 1 | 1 |
|  | Verify story completeness | 1 | 0.5 |
|  | Story Points: 1 Total Hours: | 10 | 7.5 |

## Story #08: Translation ## n/a yet ##

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Add dropdown box to select language of the website. | 2 |  |
|  | add in google translating service | 3 |  |
|  | Html style | 1 |  |
|  | write test case | 1 |  |
|  | Verify story complete | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story #9: View Ratings/Reviews

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Add in Google reviews | 4 |  |
|  | Display the ratings via stars under every item | 3 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 7 |  |

## Story #15: Favorites

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Add a “Favorite” button to item page | 1 |  |
|  | Create a new row into favorites table when button clicked | 3 |  |
|  | Change text of button when clicked to “Saved” | 2 |  |
|  | Create HTML | 2 |  |
|  | Add function to allow user to remove saved items | 1 |  |
|  | Story Points: Total Hours: | 9 |  |

## Story: Logout

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Add “Logout” button on the top corner of every page. | 1 |  |
|  | Create html for pop up notification to inform user they have been logged out | 2 |  |
|  | Write test case to ensure session ends | 1 |  |
|  | Story Points: 1 Total Hours: | 4 |  |

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