**Release and Sprint Plans**

**Team 103**

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Release Plan

# Release 1

Delivery date: 17-Oct-17 Total Story Points: 36

Our goal for first release is to provide our client insight into the functionality we wish to deliver. Without adding minor details, we wish to display what we expect the product to do, in order to determine if our product is parallel with the user's expectations.

## Profiles & Sessions

Given the prioritization of this service providing unique experiences depending on each user's purpose, the implementation of Profiles and Services allows us to control this. Each user will attach their interests to their profile, and through the use of Session control, our product will only direct the user to pages that are relevant to this selection. This inclusion will ensure users can avoid bloat and directly access their information, providing sound business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Admin Registration | 4 |
| S04 | User/Admin Logout | 1 |
| S01 | User/Admin Login | 2 |
| S03 | User Registration | 3 |
| S02 | User Profile Management | 2 |
|  | Story Point Sub-Total: | 12 |

## 

## User Support

Brief description

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Contact Information | 1 |
|  | Story Point Sub-Total: | 1 |

## 

## Searching

The search feature will allow users to navigate towards information and events that are firstly relevant to their purpose on the website. There will also be an option to allow users an alternative city approach, if they are visiting other locations. This feature will provide sound business value through providing users a fluent method of navigating the product.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | User Search | 4 |
| S28 | Dynamic google map | 3 |
| S13 | Sort Results | 2 |
| S22 | List of available services/areas | 3 |
|  | Story Point Sub-Total: | 9 |

## Admin Controls

Admin users require features for modifying content on the website. Administrators will have special access to a control page with these features.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S09 | Edit Information Page | 2 |
| S10 | Delete Information Page | 1 |
| S07 | Add Information Page | 3 |
| S15 | Upload city map | 2 |
|  | Story Point Sub-Total: | 14 |

## 

## 

## 

# Release 2

Delivery date: TBD Total Story Points: 40

Short paragraph summarising the goals for this release.

## Accessibility

The goal of this feature is to make this web application available to a larger target audience. By having access to a larger user base, the application will see more use and in a commercial environment this translates to more income.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S17 | Multilingual support | 4 |
| S14 | Multiplatform | 3 |
|  | Story Point Sub-Total: | 7 |

## 

## Geo-support

Geo-Support is to assist users who are unfamiliar with the layout of the area by giving them a more interactive and visually helpful application. This will give users less of a reason to be unhappy with the service and should allow the application to see more use.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S23 | Personalized Search | 3 |
| S12 | Geographic representation | 4 |
|  | Story Point Sub-Total: | 7 |

## Social integration

Social media serves as a large part of modern society and by integrating this into the application it should allow for wide advertisement and an additional incentive in the form of socialising with other users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S18 | Trending | 3 |
| S20 | Reviews | 3 |
| S21 | Favourites | 2 |
| S26 | Social Media Integration | 2 |
|  | Story Point Sub-Total: | 10 |

## User assistance

The purpose of this feature is to make the application easier for all users to use. By adding things which will improve usability and make the app overall more user friendly, it should attract more users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | Recently viewed | 2 |
| S11 | Advanced Search | 3 |
| S25 | User submission Request | 2 |
| S27 | Recover User Account | 3 |
|  | Story Point Sub-Total: | 10 |

|  |  |  |
| --- | --- | --- |
|  |  |  |
| S08 | Add Service Type | 4 |
| S24 | Delete Service Type | 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 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 |
| Sprint 3 | | | | Sprint 4 | | | |
| Release 2 | | | | | | | |

## Estimated Velocity: 18

Sprint Plan

# Sprint 1

Total Story Points: 18

Total Hours: 47.5

Current Velocity: 16/hpp

## Story 01: User/Admin Login

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a login page with user id & password input fields | 2 | 1 |
| T02 | Write code to compare client side with server-side decrypted data | 1 | 1 |
| T03 | Create submission button to create session if data is valid or display error if invalid | 1 | 2 |
| T04 | Create test cases | 2 |  |
| T05 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story 03: User Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Create webpage for registering | 1 | 1 |
| T07 | Create compulsory & optional input fields | 1 |  |
| T08 | Create error messages corresponding to input fields | 1 | 2 |
| T09 | Create submission button to send input data & redirect user to login screen if successful, display error messages if unsuccessful | 2 | 3 |
| T10 | Salt & hash password in DB | 1 | 0 |
| T11 | Create test cases | 2 |  |
| T12 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 9 |  |

## Story 04: User/Admin Logout

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T13 | Create reusable logout button available on all pages | 1 | 1 |
| T14 | Have all relevant user session data cleared on press | 1 | 1 |
| T15 | Have all session data cleared if browser closed | 1 | 1 |
| T16 | Create test cases | 1 |  |
| T17 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 5 |  |

## Story 05: User Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T18 | Create text input field available on all pages | 1 | 1 |
| T19 | Create “Search” button to query input data and retrieve from DB | 2 | 3 |
| T20 | Create results page dynamically filled with results based on queried data | 3 | 3 |
| T21 | Create test cases | 1 |  |
| T22 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 8 |  |

## Story 06: Admin Registration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T23 | Create registration page only accessible by administrator | 3 | 3 |
| T24 | Create compulsory input fields with corresponding error messages | 2 | 2 |
| T25 | Create submission button sending input data to DB | 1 | 1 |
| T26 | Salt & hash password in db | 1 | 1 |
| T27 | Create test cases | 1 |  |
| T28 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 9 |  |

## Story 07: Add Information Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T29 | Create “Add” button hidden to all users aside from Administrator. | 1 | 1 |
| T30 | Create relevant fields (Location, name, description, address, important information) for administrator to enter details. | 1 | 1 |
| T31 | Make important fields compulsory with corresponding error messages. | 1 | 1 |
| T32 | Create “Save” button and a “Cancel” button at the end of the form. | - | - |
| T33 | “Save” Button will check if all required fields are filled, and add a new Information section to the database, import new page into list for users to see. | 2 | 2 |
| T34 | “Cancel” button will redirect administrator to previous form. | 0.5 | 0.5 |
| T35 | Create test cases | 1 |  |
| T36 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 7.5 |  |

## Story 16: Contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T37 | Webpage to be added separately for contact information. | 1 | 0 |
| T38 | Link to contact information page added globally on navigation bar. | 1 | 0 |
|  | Story Points: 1 Total Hours: | 2 |  |

## 

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint 1 (19)** | **Sprint 2 (18)** | Sprint 3 (17) | Sprint 4 (17) |
| User/Admin Logout | Edit Information Page 2 | Multilingual support 4 | Social media 2 |
| Admin Registration | Delete info page 1 | Trending 3 | Recover user accounts 3 |
| User Registration | Upload city map 2 | Recently viewed 2 | User submission request 2 |
| Add Information Page | List of available services 3 | Reviews 3 | Multi platform 3 |
| User search | Sort Results 2 | Add service type 4 (Moved due to difficulty) | Geographic rep 4 |
| Contact information | User Profile management 2 | Delete service type 2 | Favorites 2 |
| User/Admin Login | Pull services from google 3 | Personalised search 3 | User submission request 2 |
|  |  |  |  |

Changes made: Add service type moved. Reviews moved to sprint 2 to expand on ‘User controls’.

Sprint Plan

# Sprint 2

Total Story Points: 15

Estimated Velocity: 22/hpp Total Hours: 64

Current Velocity: 24/hpp

## Story 09: Edit Information Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create edit button on admin control panel which displays all fields available for editing | 2 | 2 |
|  | On selection display editable text fields filled with corresponding data. | 3 | 2 |
|  | “Save” button press will connection to the database, the page will check if anything has been changed, and then overwrite the data in the database with the edited input. | 2 | 3 |
|  | “Cancel” button press will exit the window and redirect to the previous page, clearing all changes and cancelling | 0 | 0 |
|  | If an image is uploaded, will check if it exists then save it accordingly | 1 | 2 |
|  | Styling | 1 | 1 |
|  | Unit Testing | 1 | 1 |
|  | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 2 Total Hours: | 11 | 12 |

## Story 10: Delete Information Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “Delete” button on admin control panel which displays all areas available for deletion | 1 | 2 |
|  | Selecting a result will display a pop-up for deletion confirmation.  On confirmation, page is deleted from db.  On cancellation user is redirected to delete page. | 2 | 2 |
|  | Styling | 1 | 1 |
|  | Unit testing | 0.5 | 1 |
|  | Verify story is complete (acceptance test) | 0.5 |
|  | Story Points: 1 Total Hours: | 5 | 6 |

## Story 08: Add Service Type

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “Add service type” button redirects to page with default input fields. | 1 | 1 |
|  | Number of input fields must be expandable based on how much different types of data an admin might want to store. | 2 | 2 |
|  | “Save” button press will store the new service type into database. | 2 | 3 |
|  | Data will be written to models.py to allow sync with DB | 3 | 3 |
|  | Styling | 2 | 2 |
|  | Unit testing | 1 | 1 |
|  | Story Points: 3 Total Hours: | 11 | 12 |

## Story 13: Sort Results

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Add a sorting drop down selection option to the search page. | 1 |  |
|  | Make the page update search results with a query including drop down selection when a selection is made. | 3 |  |
|  | Styling | 2 |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 6 |  |

## Story 15: Upload City Map

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Admin can upload image for Darwin, Brisbane, Sydney, Adelaide, Hobart, Melbourne, Perth and Canberra | 2 | 2 |
|  | Upon submission will delete previous image and display in search page | 2 | 2 |
|  | Unit testing | 1 | 1 |
|  | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 1 Total Hours: | 6 | 6 |

## Story 28: Google integration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Get data from google for search results and display alongside DB results | 3 | 5 |
|  | Add google map to results displaying all results with pins on map (Google and DB) | 2 | 3 |
|  | Display all relevant information in a details page | 2 | 3 |
|  | Add map and singular marker to details page | 1 | 1 |
|  | Allow an admin to click on map when selecting lat long to auto fill data fields | 2 | 2 |
|  | Styling | 2 | 2 |
|  | Unit testing | 2 | 2 |
|  | Verify story is complete (acceptance test) | 1 | 1 |
|  | Story Points: 4 Total Hours: | 15 | 19 |

## Story 22: List of available services/areas

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create link in nav bar to access a list of logically ordered results for all db/grabbed from google. | 3 |  |
|  | Dropdown from link to display/sort only chosen category | 1 |  |
|  | Styling | 3 |  |
|  | Unit testing | 2 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 10 |  |

Sprint Plan

# Sprint 3

Total Story Points: 21

Total Hours: 61

Current Velocity: 20.4/hpp

## Story 02: User Profile Management

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create user profile page filled with session-based data and edit button | 2 |  |
|  | Create edit page with input fields corresponding to user data types | 2 |  |
|  | Create submit button to modify DB with input data & redirect to user profile page | 1 |  |
|  | Client side input verification | 1 |  |
|  | Server side input verification and sanitization | 1 |  |
|  | Styling | 2 |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 11 |  |

## Story 17: Multilingual Support

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Implement language into session management | 2 |  |
|  | Add dropdown box that allows users to select what language the website is to be displayed in. | 1 |  |
|  | Implement google translating services to update website based on user selection. | 3 |  |
|  | Styling |  |  |
|  | Unit testing | 1 |  |
|  | Verify st  ory is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 8 |  |

## Story 18: Trending

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “trending” Button on main page | 0.5 |  |
|  | Create page with the most viewed stories | 1 |  |
|  | Create filter option to see most popular stories from each user type | 2 |  |
|  | Styling | 0.5 |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 6 |  |

## Story 19: Recently Viewed

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create Pane with recently viewed stories | 1 |  |
|  | Have small .jpeg and title for each story (include hyperlink) | 1 |  |
|  | List top 4 recently viewed stories | 2 |  |
|  | Styling |  |  |
|  | Unit testing | 0.5 |  |
|  | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 5 |  |

## Story 23: Personalized Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “near me” button | 1 |  |
|  | When button is pressed display a gps map with pin on nearby places | 3 |  |
|  | List five closes places on the maps with pins | 2 |  |
|  | Display dynamic distances to each location | 2 |  |
|  | Create “directions” button to display route | 3 |  |
|  | Styling |  |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 13 |  |

## Story 20: Reviews

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Text input field on each page to leave reviews and submit button for submission, assigning to relevant db field | 3 |  |
|  | All reviews displayed at bottom of page | 2 |  |
|  | Styling | 3 |  |
|  | Unit testing | 2 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 11 |  |

## Story 24: Delete Place Subcategory

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | When category is deleted admin has the option for permanent or temporary | 1 |  |
|  | “Add Place” button will be only visible to Administrators. | 1 |  |
|  | “Add Place” button pressed displays prompt with “are you sure?” | 1 |  |
|  | Styling |  |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 5 |  |

Sprint Plan

# Sprint 4

Total Story Points: 18

Total Hours: TBD

Current Velocity: TBD

## Story 25: User Submission Request

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create input fields for place name, service type and a link to homepage or google maps location. | 2 |  |
|  | Upon failed submission display error messages | 0.5 |  |
|  | Create submission button upon successful input data send to db. | 0.5 |  |
|  | Filter repeat location names, profanity etc. | 1 |  |
|  | Create admin only page to view client message and button to create information page. | 2 |  |
|  | Styling |  |  |
|  | Unit Testing | 0.5 |  |
|  | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## Story 26: Social Media Integration

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create Facebook, Linkedin, Twitter Icon/Buttons. | 1 |  |
|  | On button press, redirect user to social media platform selected. | 2 |  |
|  | Create stock text and link for purpose of social media post, contain link back to product. | 1 |  |
|  | Styling |  |  |
|  | Unit testing |  |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: Total Hours: |  |  |

## Story 27: Recover User Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create page for user to submit security Questions. | 0.5 |  |
|  | Create drop down box of 10 Personal Questions. | 0.25 |  |
|  | Allow selection of 3 questions. | 0.25 |  |
|  | Provide text box for each question, set string maximum to 30 characters. | 0.25 |  |
|  | Salt Hash Answers, send database hashed values. | 1 |  |
|  | On Login page, create “Forgotten Password” Link. | 0.15 |  |
|  | Redirect to”Recover Password” page. | 0.15 |  |
|  | Create one text field requiring users Email. | 0.25 |  |
|  | Send unique and expirable link to email. | 1 |  |
|  | On link click, direct to web page with users 3 Security questions, a checkbox to determine which will be answered. | 1 |  |
|  | Send Salt Hashed answer to database and compare results. | 1 |  |
|  | Reject request if incorrect, provide two text fields to enter new password if correct. | 0.5 |  |
|  | Check if data from two fields are identical, Salt Hash and send to database if true. | 1 |  |
|  | Styling |  |  |
|  | Unit testing |  |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 3 Total Hours: | 7.3 |  |

## Story 11: Advanced Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “City Select” drop down box. Contains options of alternate cities. | 1 |  |
|  | Create radiobuttons/checkboxes for user to further filter data | 2 |  |
|  | Search with new query and display at top of newly generated page with results | 2 |  |
|  | Styling | 1 |  |
|  | Unit testing | 2 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 9 |  |

## Story 14: Multiplatform

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Webpage needs to be able to identify if connected device is a mobile device. | 2 |  |
|  | Page layout needs to update page layout to fit on mobile devices. | 4 |  |
|  | Styling |  |  |
|  | Unit testing |  |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 7 |  |

## Story 12: Geographic Representation

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create Panel for map interactivity. | 1 |  |
|  | Embed Google Maps into panel. | 2 |  |
|  | Access Database to receive stored locations. | 2 |  |
|  | Search stored locations. | 2 |  |
|  | Pin stored locations on map. | 2 |  |
|  | Styling |  |  |
|  | Unit testing | 1 |  |
|  | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 Total Hours: | 11 |  |

## Story 21: Favourites

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
|  | Create “favorite” button for each story | 1 |  |
|  | Create “favorites” tab for users to access their favorites | 2 |  |
|  | Create personalised page that displays a user’s favourited posts | 2 |  |
|  | If favorite button is double clicked it cancels the favorite | 1 |  |
|  | Styling |  |  |
|  | Unit testing | 0.5 |  |
|  | Verify story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 7 |  |

## 