**Release and Sprint Plans**

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| --- | --- |
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Version: 1.0

Date: 30th August 2017

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**Release Plan**

**Release 1**

Delivery date: 27th of October 2017 Total Story Points: 66

Primary focus is to provide full account functionality with each account type having their own privileges, as well as providing content related to the account type. Admins can edit/modify information provided on the web application and create new admin accounts. Users can create an account type beneficial to them and retrieve required information based on their account type (and all city information).

**Overall Account Creation**

Provide initial user account core functionalities where the user can create a student, tourist or businessman account. A private administration account will also be created for site management. Users would be able to log in and log out when required.

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Story ID** | **Story Title** | **Story Points** |
| **S03** | Log In | 2 |
| **S15** | Log Out | 2 |
| **S02** | Account Creation | 4 |
| **S06** | Adding New Administrator | 4 |
|  | Story Point Sub-Total: | 12 |

**Administration Functionality**

Implement access control to separate privileges and options from admin accounts and regular user accounts. Admins can upload a map of each city, update and/or modify city information and items, and have the option to add future items (e.g. transportation, health services, courier services, etc.).

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S10** | City Map | 4 |
| **S12** | Access Control | 4 |
| **S07** | Modify City Information | 4 |
| **S09** | Extend City Information | 4 |
|  | Story Point Sub-Total: | 16 |

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**Web Application Functionality**

Set up a main page to display city information related to the type of user account prioritised. A list of capital cities in Australia for the user to choose from. A menu for the user to quickly navigate to required tasks (e.g. find certain city info, favourites, etc.). An individual page for each item for a more in-depth description of the item/infrastructure and finally a search bar to search for specific items.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S05** | Main View | 8 |
| **S08** | Multiple Cities | 4 |
| **S04** | Menu | 2 |
| **S20** | Individual items page | 8 |
| **S16** | Item Search | 4 |
|  | Story Point Sub-Total: | 26 |

**Personalised Options**

Users can ‘favourite’ pages that are beneficial to them for quick access, sort items for advantageous displaying such as alphabetical order and create reviews on item pages to share their experience.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S17** | Favourites | 4 |
| **S19** | Sorting Items | 4 |
| **S18** | Reviews | 4 |
|  | Story Point Sub-Total: | 12 |

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**Release 2**

Delivery date: To Be Announced Total Story Points: 32

Add an additional personalised mechanic by tracking user activity to suggest beneficial items to explore. Further increase social applications by adding a discussion poll or forum for users to collaborate and share their views and experiences with items, as well as add an additional language for users to choose. Also add transportation as an item for each city.

**Preference Options**

User patterns will be tracked to suggest the most beneficial items to them.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S20** | Suggested Items | 8 |
|  | Story Point Sub-Total: | 8 |

**Social Aspect**

Users can discuss certain topics with other collaborative users and bilingual option will allow users to change the text to the language that suits them (most beneficial to tourists).

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Story ID** | **Story Title** | **Story Points** |
| **S21** | Discussions | 8 |
| **S14** | Bilingual | 8 |
|  | Story Point Sub-Total: | 16 |

**Additional Item**

Transportation will be added as an item to include routes, which vehicles and locations.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Story ID** |  | **Story Title** |  | **Story Points** |  |  |
|  |  |  |  |  |
| **S22** | | | Transport Options | 8 | |  |  |
|  |  |  | Story Point Sub-Total: | 8 | |  |  |

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**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 15 | … |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Sprint 3 | Sprint 4 |  |
|  |  | Release 2 |  |
|  |  |  |  |

Estimated Velocity: 34

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**Sprint Plan**

**Sprint 1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Total Story Points: 34 | | | |  |  | Total Hours: 310 | | | |
| Current Velocity: 34 | | | |  |  |  |  |  |  |
| **S02: Account Creation** | | | |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **Task ID** |  | **Task Description** |  |  | **Estimate** |  | **Taken** |  |
| **T01** | | | Form validation for input values |  | 8 | |  | 6 |  |
| **T02** | | | Radio Button for account choice type |  | 4 | |  | 3 |  |
| **T03** | | | Button to register account |  | 4 | |  | 2 |  |
| **T04** | | | Registers account type in database |  | 6 | |  | 4 |  |
| **T05** | | | Write test cases |  | 6 | |  | 4 |  |
| **T06** | | | Verify story is complete (acceptance test) |  | 4 | |  | 4 |  |
|  |  |  | Story Points: 4 | Total Hours: | 32 | |  | 23 |  |
| **S06: Adding New Administrator** | | | |  |  |  |  |  |  |
|  | | |  |  |  |  |  |  | |
|  | **Task ID** |  | **Task Description** |  |  | **Estimate** |  | **Taken** |  |
| **T07** | | | Controls to add admin accessible only to admins |  | 6 | |  | 4 |  |
| **T08** | | | Form for new admin account |  | 4 | |  | 3 |  |
| **T09** | | | Form is validated prior to submission |  | 8 | |  | 6 |  |
| **T10** | | | Site has at least one administrator in database initially |  | 6 | |  | 6 |  |
| **T11** | | | Write test cases |  | 6 | |  | 5 |  |
| **T12** | | | Verify story is complete (acceptance test) |  | 4 | |  | 4 |  |
|  |  |  | Story Points: 4 | Total Hours: | 34 | |  | 28 |  |
| **S03: Log In** | | | |  |  |  |  |  |  |
|  | | |  |  |  |  |  |  | |
|  | **Task ID** |  | **Task Description** |  |  | **Estimate** |  | **Taken** |  |
| **T13** | | | Button to log in |  | 2 | |  | 2 |  |
| **T14** | | | Text-boxes for username and password |  | 2 | |  | 2 |  |
| **T15** | | | Form validation for input values |  | 4 | |  | 3 |  |
| **T16** | | | Login creates session |  | 6 | |  | 3 |  |
| **T17** | | | Write test cases |  | 4 | |  | 3 |  |
| **T18** | | | Verify story is complete (acceptance test) |  | 2 | |  | 4 |  |
|  |  |  | Story Points: 2 | Total Hours: | 20 | |  | 17 |  |

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**S15: Log Out**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |  |
| **T19** | | | Button to log out |  | 2 | |  | 1 |  |  |
| **T20** | | | Session is destroyed |  | 4 | |  | 2 |  |  |
| **T21** | | | The user returns to the homepage with login and registration | | 6 | |  | 3 |  |  |
|  |  |  | buttons |  |  |  |  |  |  |  |
| **T22** | | | Write test cases |  | 4 | |  | 3 |  |  |
| **T23** | | | Verify story is complete (acceptance test) |  | 2 | |  | 2 |  |  |
|  |  |  | Story Points: 2 | Total Hours: | 18 | |  | 11 |  |  |

**S12: Access Control**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |
| **T24** | | | Users only have read privileges | 8 | |  | 7 |  |  |
| **T25** | | | Admin have read and write privileges | 10 | |  | 7 |  |  |
| **T26** | | | Admin and users are distinct in database | 6 | |  | 4 |  |  |
| **T27** | | | Write test cases | 6 | |  | 6 |  |  |
| **T28** | | | Verify story is complete (acceptance test) | 4 | |  | 4 |  |  |
|  |  |  | Story Points: 4 | Total Hours: 34 28 | | | | |  |

**S10: City Map**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |
| **T29** | | | Map loads on the specified pages | 10 | |  | 6 |  |  |
| **T30** | | | Map for each city in the database | 8 | |  | 2 |  |  |
| **T31** | | | Correct city is shown in the map | 6 | |  | 1 |  |  |
| **T32** | | | Write test cases | 6 | |  | 4 |  |  |
| **T33** | | | Verify story is complete (acceptance test) | 4 | |  | 2 |  |  |
|  |  |  | Story Points: 4 | Total Hours: 34 15 | | | | | qw |

**S07: Modify City Information**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |
| **T34** | | | Button to enter admin editing mode only for admins | 10 | |  | 4 |  |  |
| **T35** | | | Buttons to modify content and users become visible | 12 | |  | 6 |  |  |
| **T36** | | | Modifications are saved | 6 | |  | 10 |  |  |
| **T37** | | | Write test cases | 6 | |  | 7 |  |  |
| **T38** | | | Verify story is complete (acceptance test) | 4 | |  | 2 |  |  |
|  |  |  | Story Points: 4 | Total Hours: 38 29 | | | | |  |

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**S04: Menu**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |
| **T39** | | | Menu button on all pages | 4 | |  | 3 |  |  |
| **T40** | | | Menu appears after button click | 4 | |  | 2 |  |  |
| **T41** | | | Navigation links direct to respective page | 6 | |  | 6 |  |  |
| **T42** | | | Write test cases | 4 | |  | 5 |  |  |
| **T43** | | | Verify story is complete (acceptance test) | 2 | |  | 2 |  |  |
|  |  |  | Story Points: 2 | Total Hours: 20 18 | | | | |  |

**S05: Main View**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Task ID** |  | **Task Description** |  |  | **Estimate** |  | **Taken** |  |  |
|  |  |  |  |  |  |  |
| **T44** | | | List of Items |  | 20 | |  | 6 |  |  |
| **T45** | | | Items displayed relevant to the user’s type |  | 20 | |  | 10 |  |  |
| **T46** | | | Each item has name, address, phone number and/or email | | 10 | |  | 4 |  |  |
| **T47** | | | General map of city |  | 8 | |  | 3 |  |  |
| **T48** | | | Write test cases |  | 15 | |  | 4 |  |  |
| **T49** | | | Verify story is complete (acceptance test) |  | 7 | |  | 3 |  |  |
|  |  |  | Story Points: 8 | Total Hours: | 80 | |  | 29 |  |  |