Release and Sprint Plans

Team 72

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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

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

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

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

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

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 buttons		6	3
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

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

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