

Release and Sprint Plans

Three and a Half CS Students (Group 68)

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Sprint Release 1 Items:

1. Website Home Page	14. User Logout
2. Create Account	15. Restrict Access
3. User log-in	16. Searching for an Item
4. Adding a new admin	17. Map for an Item
5. Forgotten Password	18. User Profile Page
6. Category page	19. Update User
7. Adding information	20. Delete User
8. Updating information	21. Contact Page
9. Deleting information	22. Help Page
10. Information Page	24. Favourites Page
11. Categories Prioritised	25. Review Page
12. Individual item details	26. Distance For an Item
13. Change City	

Sprint Release 2 Items:

23. View Popular Items Page	32. Tickets Page
27. Change Country	33. Weather Information
28. User Type Sub Class	34. Recently Viewed Page
29. Change Language	35. Coupons Page
30. Mobile Application	36. Website Forum
31. Events Page	

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Release Plan

Release 1

Delivery date: 1st November 2017

Total Story Points: 60

This release is dedicated to the basic framework of the webpage and standard features for functionality. Without the ability to log-in / Create an account, or search the desired destination, the website serves no purpose.

Information

This feature relates to Admins being able to alter and supply correct information to users, and users being able to see this on the page.

Story ID	Story Title	Story Points
10	Information page	4
9	Delete Information	1
8	Update Information	1
7	Add Information	2
	Story Point Sub-Total:	8

Log in/Sign up/Welcome

This feature relates to users in regards to: account creation, signing in, and password recovery. Also in this feature Admin creation was incorporated because it requires the same type of code as user creation.

Story ID	Story Title	Story Points
1	Website HomePage	4
2	Create Account	4
3	User Log-in	2
4	Adding A New Admin	2
5	Forgotten Password	4
14	User Logout	1
15	Restrict Access	1
	Story Point Sub-Total:	18

Categories

This feature allows users to swap between different types of information like item types, user types, and the city the user is located in.

Story ID	Story Title	Story Points
6	Category Page/ Bar	2
11	Categories Prioritized	2
13	Change City	4
	Story Point Sub-Total:	8

Individual Items

This feature allows users to see details specific to the selected item.

Story ID	Story Title	Story Points
12	Viewing Details On An Individual Item	2
16	Searching For An Item	4
17	Map For An Item	2
26	Distance For An Item	4
	Story Point Sub-Total:	12

User Details

Feature allows users to have a profile page where they can display recent trips, user profile pages are optional.

Story ID	Story Title	Story Points
18	User Profile Page	2
19	Update User	1
20	Delete User	1
	Story Point Sub-Total:	4

Getting Help

Feature incorporates a contact page for users in case a complication has occurred.

Story ID	Story Title	Story Points
21	Contact Page	1
22	Help Page	1
	Story Point Sub-Total:	2

Miscellaneous

Features that will be good to implement but not fundamental for website functionality.

Story ID	Story Title	Story Points
24	Favourites Page	4
25	Review Page	4
	Story Point Sub-Total:	8

Release 2

Delivery date: 27 December 2017

Total Story Points: 60

This release adds functionality that would enable more people to use the site, along with features that we think more users would like to use, as well as features that would enhance the user experience and make it easier for the user.

Increase User Base

Features that will enable more people to use the site.

Story ID	Story Title	Story Points
27	Change Country	4
29	Change Language	16
	Story Point Sub-Total:	20

Additional Pages

Features of pages that would be good to have on the site and enhance the user experience.

Story ID	Story Title	Story Points
23	View Popular Items Page	4
31	Events Page	4
32	Tickets Page	4
34	Recently Viewed Page	2
35	Coupons Page	2
	Story Point Sub-Total:	16

User Friendly

Features that will make the user have an easier time using the site.

Story ID	Story Title	Story Points
28	User Type Sub Class	2
30	Mobile Application	16
33	Weather Information	2
36	Website Forum	4
	Story Point Sub-Total:	24

Delivery Schedule

Week 7	Week 8	Week 9	Week 10
Sprint 1			
Release 1			

Week 11	Week 12	Week 13	Week 14
Sprint 2			
Release 1			

Week 15	Week 16	Week 17	Week 18
Sprint 3			
Release 2			

Week 19	Week 20	Week 21	Week 22
Sprint 4			
Release 2			

Estimated Velocity: 20 days per sprint x 5 team members x $\frac{1}{3}$ = 33 ideal days per sprint.

With each member doing 2 hours of work in an ideal day with 1 story point in an ideal day.

Sprint Plan

Sprint 1

Total Story Points: 30

Total Hours: 47

Current Velocity: To Be Determined

Story 01: Website Home Page

Task ID	Task Description	Estimate	Taken
TO1	Create main page and interactive widgets	2	3
TO2	Create test cases	1	1
TO3	Write code for interactive widgets	2	1
TO4	Verify story - Welcome page complete	1	1
	Story Points: 4	Total Hours: 6	6

Story 02: Create User

Task ID	Task Description	Estimate	Taken
TO5	Design and implement functions for user creation	2	2
TO6	Create test cases	1	1
TO7	Create code to store user information in database	3	2
TO8	Verify story - User account successfully created	1	1
	Story Points: 4	Total Hours: 7	6

Story 03: User Login

Task ID	Task Description	Estimate	Taken
TO9	Design and implement functionality for user login	0.5	2
T10	Create test cases	1	1
T11	Create code to access database and verify given password	0.5	3
T12	Verify story - User successfully logs in	1	1
	Story Points: 2	Total Hours: 3	7

Story 04: Adding A New Admin

Task ID	Task Description	Estimate	Taken
T13	Design and implement functions for admin creation	0.5	0.5
T14	Create test cases	1	1
T15	Create code to store admin in database	0.5	0.5
T16	Verify story - Admin account successfully created	1	1
	Story Points: 2	Total Hours: 3	3

Story 05: Forgotten Password

Task ID	Task Description	Estimate	Taken
T17	Design and implement functionality for user to retrieve lost password	2	1
T18	Create test cases	1	1
T19	Add systems to retrieve password from database	3	1
T20	Verify story - Password can successfully be retrieved	1	1
	Story Points: 4	Total Hours: 7	4

Story 06: Category Page/Bar

Task ID	Task Description	Estimate	Taken
T21	Design and implement information category bar widget	0.5	2
T22	Create test cases	1	1
T23	Add code to widget to pull data correctly from database depending on user type	0.5	2
T24	Verify story - Category bar displays all of the correct categories	1	1
	Story Points: 2	Total Hours: 3	6

Story 07: Add Information

Task ID	Task Description	Estimate	Taken
T25	Design and implement functionality for admin to add POI's	0.5	0.5
T26	Create test cases	1	1
T27	Add code to store added POI's to database	0.5	0.5
T28	Verify story - Added information correctly displays	1	1
	Story Points: 2 Total Hours:	3	3

Story 08: Update Information

Task ID	Task Description	Estimate	Taken
T29	Design and implement functionality for admin to amend POI's	0.5	0.25
T30	Create test cases	0.25	0.25
T31	Add code to amend POI's stored in the database	0.5	0.25
T32	Verify story - Amended information correctly displays	0.25	0.25
	Story Points: 1 Total Hours:	1.5	1

Story 09: Delete Information

Task ID	Task Description	Estimate	Taken
T33	Design and implement functionality for admin to delete POI's	0.5	0.25
T34	Create test cases	0.25	0.25
T35	Add code to admin to delete POI's stored in database	0.5	0.25
T36	Verify story - POI successfully deleted	0.25	0.25
	Story Points: 1 Total Hours:	1.5	1

Story 10: Information Page

Task ID	Task Description	Estimate	Taken
T37	Design and implement functionality to show POI's based on user type	2	2
T38	Create test cases	1	1
T39	Add code to read POI's stored in database	2	2
T40	Verify story - POI's appear successfully based on user type	1	1
	Story Points: 4	Total Hours: 6	6

Story 11: Categories Prioritized

Task ID	Task Description	Estimate	Taken
T41	Design and implement functionality to a category bar to show the different users on the site	0.5	2
T42	Create test cases	1	1
T43	Add code to category bar	0.5	2
T44	Verify story - User can correctly change from different user categories in the site	1	1
	Story Points: 2	Total Hours: 3	6

Story 14: User Logout

Task ID	Task Description	Estimate	Taken
T45	Design and implement functionality for user logout	0.5	0.5
T46	Create test cases	0.25	0.25
T47	Create code to logout user	0.5	0.5
T48	Verify story - User can logout successfully	0.25	0.25
	Story Points: 1	Total Hours: 1.5	1.5

Story 15: Restrict Access

Task ID	Task Description	Estimate	Taken
T49	Design and implement functionality to restrict access	0.5	0.5
T50	Create test cases	0.25	0.25
T51	Create code to restrict access to only logged in users etc	0.5	0.5
T52	Verify story - User can only access certain pages only when logged in	0.25	0.25
	Story Points: 1	Total Hours: 1.5	1.5

Sprint 2

Total Story Points: 30

Total Hours: 50

Current Velocity: 0

Story 12: Viewing Details On An Individual Item

Task ID	Task Description	Estimate	Taken
T53	Design and implement functionality for viewing individual item details	0.5	1
T54	Create test cases	1	1
T55	Create code to view details on an individual item	0.5	2
T56	Verify story - User can view details on an individual item	1	1
	Story Points: 2	Total Hours: 3	5

Story 13: Change City

Task ID	Task Description	Estimate	Taken
T57	Design and implement functionality to the drop down menu	2	2
T58	Create test cases	1	1
T59	Add code to drop down menu to change city	3	2
T60	Verify story - User can correctly change cities via a drop down menu	1	1
	Story Points: 4	Total Hours: 7	6

Story 16: Search Bar

Task ID	Task Description	Estimate	Taken
T61	Design and implement functionality for search bar	2	2
T62	Create test cases	1	1
T63	Add code for search bar	3	4
T64	Verify story - User can search items and places using the search bar	1	1
	Story Points: 4 Total Hours:	7	8

Story 17: Map For An Item

Task ID	Task Description	Estimate	Taken
T65	Design and implement functionality for map on a item page	0.5	1
T66	Create test cases	1	1
T67	Add code to display a map on an item page	0.5	0.5
T68	Verify story - User can view a map on item page	1	1
	Story Points: 2 Total Hours:	3	3.5

Story 18: User Profile Page

Task ID	Task Description	Estimate	Taken
T69	Design and implement functionality for a user profile page	0.5	0.5
T70	Create test cases	1	0.25
T71	Add code for an user profile page	0.5	2
T72	Verify story - User can view their profile page	1	0.5
	Story Points: 2 Total Hours:	3	3.25

Story 19: Update User

Task ID	Task Description	Estimate	Taken
T73	Design and implement functionality to update a user's preferences	0.5	0
T74	Create test cases	0.25	0.25
T75	Add code to update a user's preferences	0.5	0
T76	Verify story - User can successfully update their personal preferences	0.25	0.25
	Story Points: 1 Total Hours:	1.5	0.5

Story 20: Delete User

Task ID	Task Description	Estimate	Taken
T77	Design and implement functionality to delete a user, if they wish to delete their account	0.5	0
T78	Create test cases	0.25	0.25
T79	Add code to delete a user	0.5	0
T80	Verify story - User can successfully delete their account	0.25	0.25
	Story Points: 1 Total Hours:	1.5	0.5

Story 21: Contacts Page

Task ID	Task Description	Estimate	Taken
T81	Design and implement functionality for a contacts page	0.5	0.5
T82	Create test cases	0.25	0.25
T83	Add code to the contacts page	0.5	0.5
T84	Verify story - User can correctly view and contact the admins of the website	0.25	0.25
	Story Points: 1 Total Hours:	1.5	1.5

Story 22: Help Page

Task ID	Task Description	Estimate	Taken
T85	Design and implement functionality for a help page	0.5	0.5
T86	Create test cases	0.25	0.25
T87	Add code for the help page	0.5	0.5
T88	Verify story - User can successfully view and receive help and information for the help page	0.25	0.25
	Story Points: 1	Total Hours: 1.5	1.5

Story 24: Favourites Page

Task ID	Task Description	Estimate	Taken
T89	Design and implement functionality for a favourites page	2	4
T90	Create test cases	1	1
T91	Add code for the favourites page	3	4
T92	Verify story - User can successfully view saved items in the favourites page	1	1
	Story Points: 4	Total Hours: 7	10

Story 25: Review Page

Task ID	Task Description	Estimate	Taken
T93	Design and implement functionality for a reviews page	2	4
T94	Create test cases	1	1
T95	Add code for the reviews page	3	3
T96	Verify story - User can successfully look at the reviews for an individual item	1	1
	Story Points: 4	Total Hours: 7	9

Story 26: Distance For An Item

Task ID	Task Description	Estimate	Taken
T97	Design and implement functionality for the distance between the place and the user	2	0
T98	Create test cases	1	0.25
T99	Add code for distance of an item	3	0
T100	Verify story - User can correctly view the distance between them and the item	1	0.25
	Story Points: 4 Total Hours:	7	0.5