

# Release and Sprint Plans

IFB299 25

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# Release Plan

## Release 1

Delivery date: Sept 18

Total Story Points: 45

The goal for this release it to get a barebones working program that can register, login, and show users some information.

### Account Registration

The account registration page is important because it allows us to record personal information about our users and to personalise their experience using out website.

Story ID	Story Title	Story Points
1	SQL DATABASE FORMAT	2
3	USER SQL DATABASE	4
10	CREATE NEW ACCOUNT	2
32	CREATE AN ACCOUNT PAGE	1
	Story Point Sub-Total:	9

### Home/Login Page

This is the first page a user will see when they access the website.

Story ID	Story Title	Story Points
17	HOME PAGE LOGIN	2
23	SIGN IN/LOGIN PAGE	2
27	LOGIN/REGISTER PAGE	2
29	LOGIN ACCOUNT	2
31	LOGIN PAGE	2
	Story Point Sub-Total:	10

### Site information

This step is based around what sort of information the website will return to a user.

Story ID	Story Title	Story Points
4	CONNECT DATABASE	8
5	FRONT END WEBSITE DEVELOPMENT	8
14	BUSINESS ACCOMMODATION INFORMATION	4
30	CITY INFORMATION	4
	Story Point Sub-Total:	24

### Log Out Button

This feature is to ensure that once the user is done no one else meddles with their account.

Story ID	Story Title	Story Points
12	LOG OUT BUTTON	2
	Story Point Sub-Total:	2

## Release 2

Delivery date: Oct 27

Total Story Points: 56

The goals for this release are to improve the look of the website as well as include a few minor but welcome additions.

### Web Page Appeal

No one wants to use an ugly app no matter how useful it is. Making the app look nice and presenting information clearly is key to a successful app.

Story ID	Story Title	Story Points
2	BASIC PAGE LAYOUT	4
11	WEB PAGE APPEAL	1
19	ATTRACTIVE WEBPAGE DESIGN	4
24	TOURIST INFORMATION	1
28	HOMEPAGE	2
33	USERS MAIN PAGE	8
35	WEBSITE AESTHETIC	1
	Story Point Sub-Total:	22

### Establishment Sorting

Showing users places based on who they are won't be enough. Letting them search for specific businesses based on the user's criteria is a well met feature.

Story ID	Story Title	Story Points
13	TYPE OF BUSINESS	4
20	UNIVERSITY INFORMATION	8
21	INFORMATION ON LIBRARIES	2
	Story Point Sub-Total:	14

### Additional Features

The website doesn't have to just be a forum of recommended places. It can have aspects included from social media (Reviews), have tools to help with foreigners (currency exchange), and have behind the scenes features to help users with their browsing experience (Cookies).

Story ID	Story Title	Story Points
6	USER REVIEW SYSTEM	8
7	ENABLE USER FAVORITES	4
16	CURRENCY & EXCHANGE RATE CONVERTER	4
25	CLIENT SIDE COOKIES	4
	Story Point Sub-Total:	20

## Release 3

Delivery date: Oct 27

Total Story Points: 50

The goals for this release is to develop and enable tertiary applications and features, things that are not fundamentally important to the operation of the website, but improve a user's experience.

### Map Functionality

The map functionality allows users to see where they are and enables easy travel planning and directions to sites that they may want to visit. This functionality is tertiary and in *Release 3* because this service is easily provided elsewhere and could potentially be a time sink.

Story ID	Story Title	Story Points
8	DEV MAP FUNCTIONALITY	8
15	BUSINESS PROXIMITY MAP	8
22	STUDENT ORIENTATED MAPS	8
26	TOURIST ENABLED MAP	8
34	CITY MAP	8
Story Point Sub-Total:		40

### Additional Features

Additional features that add a benefit to a user's experience or enable ease of use.

Story ID	Story Title	Story Points
18	CHANGE LANGUAGE OPTION	8
Story Point Sub-Total:		8

### Design Finalisation

This feature is entirely about making sure the web page has complete functionality, that it meets client expectations and it is easy to use.

Story ID	Story Title	Story Points
9	FINALISE THE PROJECT	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 2			

Week 14		Week 15					
Sprint 3							
Release 3, 4, ...							

### Estimated Velocity:

There are 151 story points in total within all three releases. Each Sprint length is four weeks long contained within a Release. There are 8 weeks in total of development. This means that the estimated velocity of our project will be:

$$151 / 8 = 19;$$

Our **Estimated Velocity** is 19 story points a week.

## Sprint Plan

### Sprint 1

Total Story Points: 43

Total Estimated Hours: 49

Current Velocity: *Undefined*

Total Actual Hours:

#### 1, 3, 10, 32: Account Registration Development

Task ID	Task Description	Estimate	Taken
T01	Build front end UI/Front Page with text boxes for name, email, password etc...	3	3
T02	Create a database that is ready for user credentials to be entered.	3	2
T03	Create a link between the website UI and the Users Database.	4	4
T04	Verify that the all of the tasks have been completed successfully.	1	1
	<b>Story Points: 9</b>	<b>Total Hours: 11</b>	10

#### 4, 5, 14, 30: Site Information/Database Development

Task ID	Task Description	Estimate	Taken
T05	Create a locations details database that includes information such as phone numbers, addresses, and websites for the establishment.	2	2
T06	Populate the locations database with information taken from government websites to give proof of concept to the website.	4	2
T07	Display some of the locations database information in relevant places in the website.	4	
T08	Verify that the all of the tasks have been completed successfully.	1	
	<b>Story Points: 24</b>	<b>Total Hours: 11</b>	

#### 12: Logout Button Functionality

Task ID	Task Description	Estimate	Taken
T09	Place a "LOGOUT" button on every webpage.	1	
T10	Build functionality into the button to logout a user and return to the home page when the button is pushed.	3	
T11	Verify that the all of the tasks have been completed successfully.	1	
	<b>Story Points: 2</b>	<b>Total Hours: 5</b>	

#### 17: Student HomePage

Task ID	Task Description	Estimate	Taken
T12	Choose the colour scheme for a student home page	1	1
T13	Develop the home page so it draws information for a student from the database.	2	1
T14	Display information in an appealing manner for student UI.	2	2
T15	Verify that the all of the tasks have been completed successfully.	1	1
	<b>Story Points: 2</b>	<b>Total Hours: 6</b>	5

### 23: Tourist HomePage

Task ID	Task Description	Estimate	Taken
T16	Choose the colour scheme for the Tourist home page.	1	1
T17	Develop the tourist page so it draws information from the database of tourist destinations.	2	1
T18	Develop the UI so the information is displayed interestingly.	2	2
T19	Verify that the all of the tasks have been completed successfully.	1	1
Story Points: 2		Total Hours: 5	5

### 27: Business HomePage

Task ID	Task Description	Estimate	Taken
T20	Choose the colour scheme for the Business home page.	1	1
T21	Develop the home page so it draws information for a Businessman from the database.	2	1
T22	Develop the UI so the information is displayed usefully.	2	2
T23	Verify that the all of the tasks have been completed successfully.	1	1
Story Points: 2		Total Hours: 6	5

### 31:DEV/Admin Homepage

Task ID	Task Description	Estimate	Taken
T24	Develop the main page so that it draws random information from the locations database showing that information is working correctly.	2	1
T25	Different fields that are not available to general users are added to provide debugging functionality.	2	
T26	Verify that the all of the tasks have been completed successfully.	1	
Story Points: 2		Total Hours: 5	



## Sprint Plan

### Sprint 2

Total Story Points: 55

Total Estimated Hours: 34

Current Velocity: 15 Hours per week successful

Total Actual Hours: 30

#### 2, 11, 19, 28, 33, 35: User Type Pages Layouts

Task ID	Task Description	Estimate	Taken
T01	Give the Student, Tourist, and Businessman pages a nice looking aesthetic to prepare it for relevant information.	4	4
T02	Add buttons to the above mentioned pages that link to information pages showing locations that would appeal most to the target demographic.	1	1
T03	Prepare the info pages to accept data from the database.	4	7
T04	Verify that the all of the tasks have been completed successfully.	1	1
Story Points: 20		Total Hours: 10	13

#### 13, 20, 21, 24: Information Systems

Task ID	Task Description	Estimate	Taken
T05	Create List Views on the information pages.	3	8
T06	Get data from the database to be delivered to the list views so information can be read.	4	9
T07	Make the information act as a link to a more detailed information page for specific locations.	4	
T08	Verify that the all of the tasks have been completed successfully.	1	
Story Points: 24		Total Hours: 12	17

#### 6, 7, 16, 25: Additional Features

Task ID	Task Description	Estimate	Taken
T09	Add a reviews table and link it to the Attractions table with a one to many relationship	2	
T10	Fill the Reviews table with a bunch of dummy data to test with	2	
T11	Make reviews visible on the detail pages for certain attractions	4	
T12	Add a simple calculator for currency exchange on a new tools page.	4	
Story Points: 2		Total Hours: 12	

FIN