

SPRINT PLAN

Contents

Introduction	1
Sprints	1
Product Roadmap	2
Sprint 1	3
Meeting Agenda:	5
Sprint Goal:	5
Sprint Items/Jobs:	5
Additional Notes:	5

Introduction

This intent of this document is to define sprint actions and the deliverables to be output from that specific sprint. This document will be continuously referenced throughout development by the development team so that they can determine which activities need to be completed, who should work on them, and when they should be completed by. These three questions will be answered at the beginning of each Sprint, and therefore this document will develop over time as new sprints start. Overall, the purpose of each Sprint Plan is to manage the execution of fulfilling the Project Backlog (see Requirements_Analysis.pdf).

To remain flexible, Sprints will be planned at the start of the sprint and not prior. However, to present the overall workflow of the project, this document has a high-level roadmap of the project.

Alongside the Sprint Plans, the team will use a Kanban board to visually represent the User Stories being worked on during the current sprint. Essentially, the Kanban board shows the state of the sprint. Kanban Board link:

<https://trello.com/b/dxM1i116/ecobadge>

Sprints

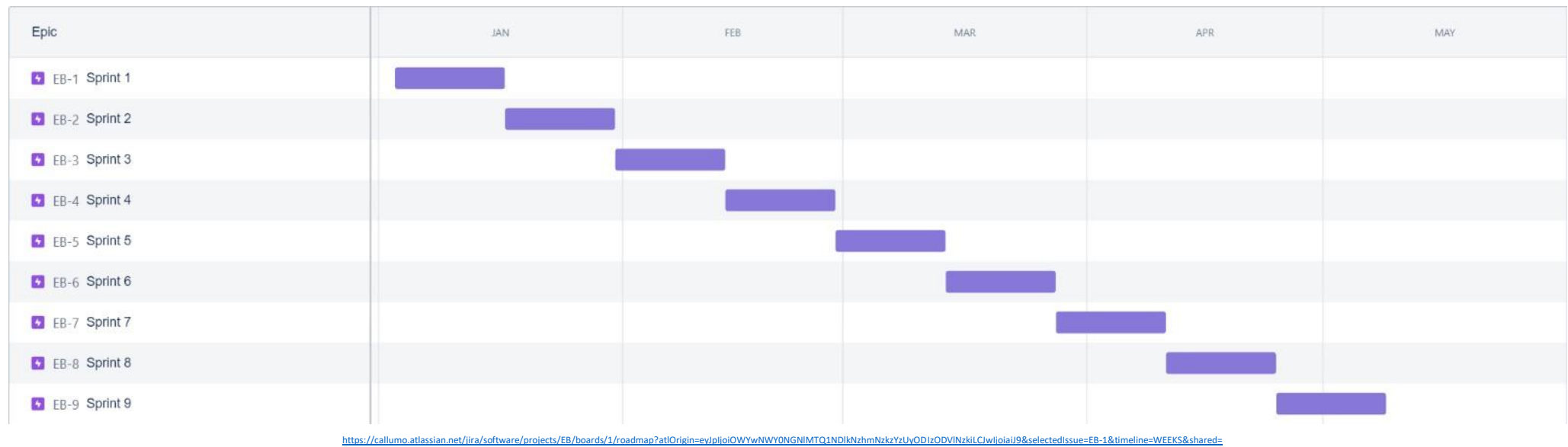
Each sprint will have a duration of two weeks. The structure of each sprint will proceed accordingly:

- Establish sprint goals
- Determine necessary user story tasks
- Determine who will work on what tasks

These three points will be discussed at the start of each sprint in a Sprint Plan meeting.

Product Roadmap

The Product Roadmap is a high-level view of the entire project that illustrates the timeline of the project’s sprints.



The above diagram shows that there will be a total of 9 sprints between the start of development and the project deadline. Overall, the development team has 18 weeks of production time.

Sprint	Start Date	End Date
1	03/01/22	16/01/22
2	17/01/22	30/01/22
3	31/01/22	13/02/22
4	14/02/22	27/02/22
5	28/02/22	13/03/22

6	14/03/22	27/03/22
7	28/03/22	10/04/22
8	11/04/22	24/04/22
9	25/04/22	08/05/22

In accordance with the Product Roadmap diagram, each Sprint should roughly follow this plan:

Sprint 1	
User Stories	As a consumer, I want to be able to view all directories, so that I can choose which businesses to eat at. As a consumer, I want to be able to read more about sustainability, so that I can educate myself. As a business, I want to be able to learn about how the ECO Badge scores are determined, so that I can appeal more to eco-conscious viewers by changing how the business operates.
Deliverables	Initial prototype (basic page layouts and simple directory functionality) Project Plan documentation (UML diagrams, risk assessment, interface diagrams, etc)

Sprint 2	
User Stories	As a consumer, I want to be able to filter the directories, so that I can find specific types of businesses easier.
Deliverables	Prototype with functioning business directory Business database

Sprint 3	
User Stories	As a user, I want to be able to sign in, so that I can access my portal space. As a consumer, I want to be able to sign myself up to the ECO Badge newsletter, so that I can be informed about eco-conscious content.
Deliverables	Prototype with functioning login space and Customer Profiles User database

Sprint 4	
User Stories	As a business, (Paid member) I want to be able to access my profile portal, so that I can update profile data.
Deliverables	Prototype with functioning Business Profiles

Sprint 5	
User Stories	As an admin, I want to be able to manage business profiles/ business members, so that I can see specific details about specific accounts and fulfil my admin duties.
Deliverables	Prototype with functioning Admin Portal

Sprint 6	
User Stories	As a business, (Paid member) I want to be able to access my profile portal, so that I can schedule my venue for a re-score. As a business, (Paid member) I want to be able to access my profile portal, so that I can reply to customer reviews.
Deliverables	Prototype with functioning customer reviews and rescoring requests

Sprint 7	
User Stories	As an admin, I want to be able to edit pages, so that I can update information.
Deliverables	Prototype with functioning page edit features

Sprint 8	
User Stories	As an admin, I want to be able to view all email collected via the website, so that I can perform administrator tasks in accordance to email content.
Deliverables	Prototype with Admin functionality

Sprint 9	
User Stories	As a consumer, I want to be able to create/view my consumer profile, so that I can track my environmental impact.
Deliverables	Prototype with Consumer profiles

Sprint 1

Start: 03/01/22

End: 16/01/22

Meeting Agenda:

1. Determine sprint goals
 2. Select backlog items (and other necessary jobs)
 3. Decompose backlog items into tasks
 4. Divide tasks between members
 5. Review deadlines
-

Sprint Goal:

Prepare for the Project Plan presentation (12/01/22) and Marketplace Demo (18/01/22)

Sprint Items/Jobs:

1. Refine planning documentation
2. Create website layout
3. As a consumer, I want to be able to view all directories, so that I can choose which businesses to eat at.

Item 1 Tasks:

- Define project vision and objectives
- Create risk management plan
- Create communication plan
- Create user stories
- Create UML diagrams (use case, class and objects, etc)
- Create wireframes

Callum
Josh
Alex
Callum
Callum
Tom

Item 2 Tasks:

- Create Homepage
- Create Login page
- Create Directory page
- Create About us page

Josh
Callum
Alex
Tom

Item 3 Tasks:

- Create simple csv data file structure to store sample businesses
- Create simple API to display csv data

Team
Team

Additional Notes:

- Refer to Kanban board to see status of tasks (<https://trello.com/b/dxM1i116/ecobadge>)

- Refer to given ECO Badge documentation to craft requirements
- Refer to given Excel spreadsheet for sample business data

Sprint Summary

Following the initial Sprint 1 and Interim prototype, the previously established Sprint plans for Sprint weeks 2-9 was not followed as part of the planned schedule. This was due to multiple factors including: not considering time for other module deadlines that were following the Interim prototype as well as starting other modules within the second term.

What happened as a result was a redefinition of how the Sprint plans should work in the form of a pipeline of tasks for team members to undertake, using the biweekly meetings as “goalpost” deadlines for stages of development. For example, after the first sprint week the task of designing the database structure was given to Alex which (after iterations from Callum) proceeded to the next stage of implementation which was a task taken up by Josh.

The Sprint pipeline of most of the deliverables completed for the project was in the order of the figure below:

