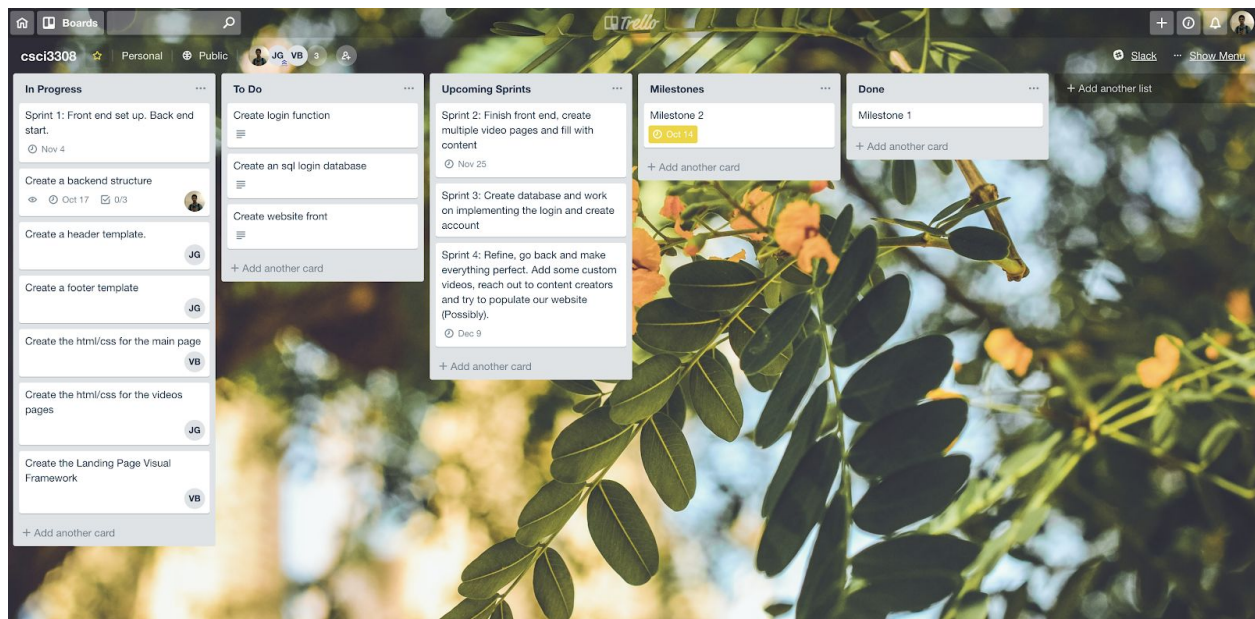


## Milestone 2

### Team Members

Victor Boynton, Meelan Patel, Musaab Al-Bakry, Pamela Wyatt, Jordan Goodridge, Christopher Mccarroll-Gilbert

### Trello Board



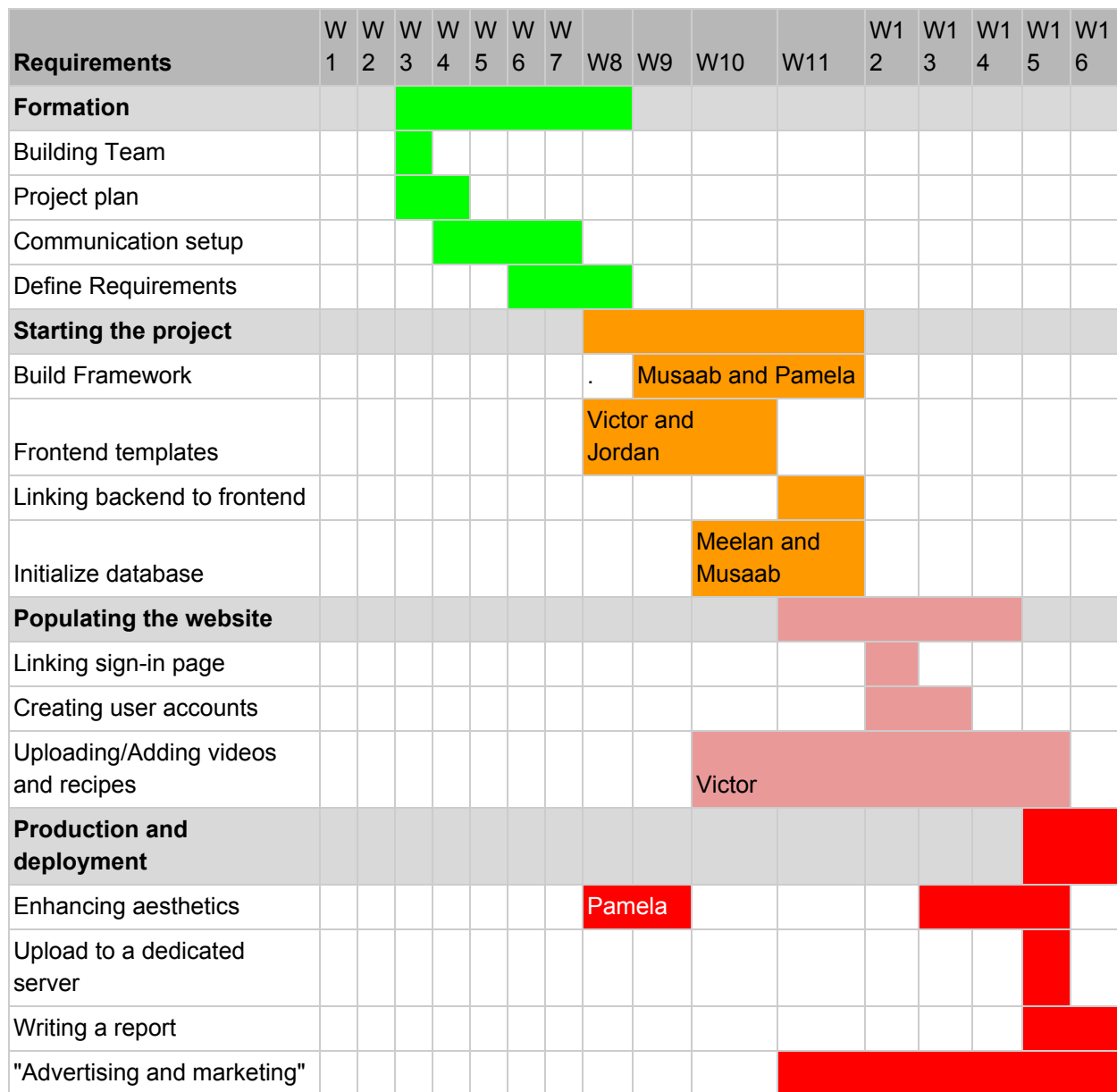
**Functional Requirements:**

- The user should have the ability to sign in, and save their favorite videos. This would be implemented through a “secure” database that encrypts login information.
- Content Creators should have a friendly, easy way to upload their own videos to the website. This way end user can always have a steady stream of videos, focused on cooking and cooking techniques. This would involve, on a real website, a decent amount of bandwidth to allow for uploads, and large servers with the ability to store massive amounts of information (or using a YouTube API to reduce the amount of data transferred from our server).
- The ability to quickly navigate and search through profiles and recipe pages. This will depend on the efficiency of our search algorithms and the database structure.
- The user should be able to view other users pages. The ability to search through channels will not be default, rather the user will have to enable this when searching through videos. This will insure that they always get what they are looking for.
- The user should be able to create their own lists of ingredients, and these ingredients will correspond to videos “tagged” with the ingredients, such that a user will be able to look up what they have in their kitchen, and then be pointed to videos using these.

**Non-Functional Requirement:**

- An SQL database that should include all users, informations, submissions, and videos (or links to the videos from YouTube).
- A dynamic and functioning website using HTML/CSS that is responsive and organized.
- An integration layer that could send http requests and responses to backend securely and efficiently.
- Support for viewing videos in the website. This could be achieved by developing an independent app in our website or integrating a YouTube API.
- Building a server-side framework to automate creating pages and link it to the continuous integration in Gitlab. The framework should be able to automatically assign urls to user profiles and recipes without conflicts.

## GANTT chart:



## Agile Scrum/meeting:

We didn't do an agile meeting for this time since we didn't have any code yet, and some of us weren't able to join in physically, so we worked on it digitally.