**Sprint Five**

Start: **08/03/2021**

End: **09/04/2021**

Task: **Calendar**

**Objectives**

* Setup a calendar for users to view.
* Allow admins to add new events to the calendar.
* Integrate calendar with chores system for displaying assigned chores.

**Details**

Build a calendar using PHP that displays the correct dates to the user when the user loads the page. Using bootstrap modals, JavaScript and jQuery, build a system that allows users to select a date and view the events for that date.

Build a system that allows admins to select a date and add new events to that date.

Integrate the chores system with the calendar. When a new chore is assigned to a member of the group, create a new event that will be displayed on the group calendar for users to see the deadline of that assigned chore.

**Review**

What Went Well

Sprint five was possibly the most challenging sprint of all.

* Calendar was successfully implemented after some trial and error.
* Calendar correctly displays the deadline of an assigned chore.
* Admins can easily add new events to the calendar to be viewed by all members of the group.

Problems Encountered

Sprint five took some time to complete due to the challenge of building a custom calendar.

* Initially, I tried to build the calendar using JavaScript. I was unsuccessful doing this but eventually the calendar was setup correctly.

Possible Solutions to These Problems

* Instead of using JavaScript to build the calendar client-side, I decided to use PHP to build the calendar server-side. This meant the calendar was being built and displayed correctly when the page loads.
* PHP made using classes tot build the calendar much easier to do.

Project Progress

The calendar was the final main feature that needed to be implemented. I am pleased with how the project has progressed. However, with some more time, I would have liked to implement some additional features such as a chat functionality but these were non-functional requirements so can be implemented at some point in the future..