**Sprint Four**

Start: **15/02/2021**

End: **05/03/2021**

Task: **Reward System**

**Objectives**

* Setup a points system.
* Setup a rewards system.

**Details**

Implement a points system that allows users to earn points if they complete a chore before the deadline and lose points if they complete the chore after the deadline.

Allow the admins to add new rewards that users can trade points for. Use JavaScript and jQuery to validate whether the user has enough points by using an API to fetch the user’s points from the database. When a user redeems a reward, deduct their points and save to database.

When a user redeems a reward, create a reward request that admins can either approve or decline. If the request is declined, refund the user’s points.

**Review**

What Went Well

Sprint four was completed on time before the deadline.

* Points system was easy to implement, allowing more time to work on reward system.
* Reward system works as intended and was completed one week earlier before the deadline. This allowed for an additional week to work on the next sprint.

Problems Encountered

Sprint four only encountered one small issue.

* There were a couple of issues with trying to implement the functionality of the points system, such as knowing which chore the user had completed and how many points should be added to the user.

Possible Solutions to These Problems

* A function within the database allowed me to get the points value of the chore being completed using the choreID, allowing me to correctly add points to the user who completed the chore using the userID.

Project Progress

I am really happy with the progress that has been made. Only a few small issues have arisen but none that were too serious. The project is on track to be completed on time.