

Big user stories

Big User Story 1: Chore Tracking and management:

As a parent, I want to be able to easily input and assign chores to my children through a user-friendly interface. The app should allow me to specify details like the completion dates and payments behind the chore completions. I also want to be able to use a centralised dashboard so that I can keep track of each child's list of completed chores such that it ensures easy and convenient management of such household responsibilities.

Big User Story 2: Proof of Completion and Validation

As a child, I want an easy and convenient way of submitting proof of completing assigned chores through methods such as simple checkbox ticking or image uploading. In addition, the parents should be able to validate and approve these completions to encourage openness and responsibility in the household.

Big User Story 3: Friendly Competitions and Rewards

Having competitions is a great way to inspire kids to do chores. Basically the way this works is that 2 siblings or 2 friends can challenge each other to a weekly challenge. However can get more chores done or makes the most money wins, and can get some bonus money plus braggin rights.

Big User Story 4: Financial Tracking and Education

It is very important for kids to be financially literate. We believe that kids aren't taught this enough in school. For example, taxes, investing, saving etc. Therefore we feel like it would be great if they could learn important things like these through our app. Our app will

have a kid friendly GUI that will help the kind learn how to save and invest money.

Iteration 1 detailed user stories

Title: Chore Edit and Deletion

Detail: As a parent, I want the ability to edit or delete chore assignments in case of mistakes or changes in plans.

Questions: Should there be a log of edits/deletions? How will this feature affect ongoing competitions?

Priority: Medium

Time Estimate: 2 story points

Title: Registration and Login

Detail: As a parent, I want my each child's account to be separate such that they cannot see each others chores and balances.

Questions: Should parents have access to all information of their children? Should mothers and fathers register separately, or can they have a combined account? Should parents register their children, or can children register themselves?

Priority: High

Time Estimate: 3 story points

Title: Chore Sorting Options

Detail: As a parent, I want the ability to sort and filter the list of assigned chores based on various criteria (e.g., due date, child, completion status), enhancing usability.

Questions: What sorting options are most useful to parents?
Should there be default sorting?

Priority: Low

Time Estimate: 1 story point

Title: Proof of Completion of Specified Chore

Detail: From the perspective of a child, I want to be able to seamlessly send/upload a photo or tick checkboxes as evidence that I finished a duty so my parents could confirm that. Parents should be able to view the submitted proof for each completed chore. This can be achieved through a dedicated section within the application and can have preview images of uploaded pictures. In cases, where a picture is not necessary, children can also go through a checkbox confirmation process on a clear and user-friendly interface which will guide them as well.

Questions: Should the system restrict the file upload capacity for storage reasons?

Should parents receive real-time notifications as to when the child submits a proof of completion?

Priority: Medium

Time Estimate: 3 Story Points

Title: Competition Algorithm Implementation Enhancement

Detail: As a child, I would like the competition feature to be sophisticated enough to reflect facts like chore type and the amount of time it took to complete the task so that the point system (between siblings if that's the case) can show the parents which sibling is performing better. The system can calculate competition points based on a weighted combination of the time and chore. This operation can be calculated with a specific formula. There can also be a breakdown available which will show each completed chore.

Questions: How should the system assign weights to different factors (for example chore difficulty or completion time)?

Should the exact calculation scheme be visible to each user on the application?

How should we make it so that the system is fair and reflects the children's efforts accurately?

Priority: Medium

Time Estimate: 2 Story Points

Title: Secure Cash Depositing API Integration

Detail: As a parent, I would like the application to have a secure third-party payment system which would allow the parents to deposit money into the accounts of the children. Entering your card details on an application can seem like a risky thing but as developers, we want to ensure that it is a reliable process. The app should integrate a reputable payment API for cash deposits. Parents should be able to link their preferred payment method similar to any other online streaming service like Netflix or Prime Video (Amazon). Give the Children an option to make the list of all the pending and completed chores into a excel sheet or pdf that they can show parents.

Questions: How should the application handle a failed deposit? How should the application ensure that any transfers to children occur seamlessly.

How do we ensure that the API we use doesn't take a percentage of the money being deposited or any security/compliance requirements?

Priority: High

Time Estimate: 4 Story Points

Parent Chore System Vision Statement

The Parent Chore System is a revolutionary application that is designed to encourage household responsibilities in a fun and entertaining way. Personalized for parents and children it introduces a competitive element through weekly competitions, encouraging siblings and friends to actively participate. The application

also allows parents to track children's spending and builds financial responsibility for them.

The primary users of the Parent Chore System are parents and their children. Parents have the opportunity to input and assign chores to their children, while the children use the platform to complete the tasks assigned to them. The Parent Chore System will bring benefits to both parents and children by providing an efficient way to manage household tasks. It also gives children a sense of responsibility which can grow on as they get older and learn about money.

There are four main key features of the Parent Chore System which are the chore assignments, proof of completion, competitions and financial tracking. For chore assignment this is where the parents will be able to add and assign the chores to their children, specifying the details such as due date and payment. Proof of completion allows the children to submit a picture of their work or check a box stating that they completed the task, so that parents can see that the chore is done. The system will generate friendly competitions by allowing siblings and friends who also have the app to challenge each other. Completing more chores will build more points and earn more money, whoever has the most points or money will win the competition which may result in a bonus payment. The financial tracking of the application will allow parents to track their child's spending ensuring an educational component around financial responsibility.

The Parent Chore System will be considered successful when a web app is created that allows different families to have full control over setting prices on chores and who completes them and when they should be completed by. It should allow for a smooth and seamless cash depositing process directly to the child's accounts. The system should keep track of how many chores each child has completed and the child will earn money and points for each chore. The application should also allow children to post proof on task completion by checking a box or a picture. Lastly, the Parent Chore System should allow the parents to keep track of how their children are spending their hard earned money. If all these goals are satisfied the application will be very helpful for families all over the world.