

User Story	Development Tasks
Chore Add and Assign* Reviewer-Ayan Developer- Vrushank and William Moran	<ol style="list-style-type: none"> 1. Designing UI 2. Defining a “Chore” class 3. Storing each created chore in memory 4. Updating each chore upon edit/deletion
Registration and Login* Reviewer-Vrushank Developer- William Moran, Adam Raihan, Harmandeep Arneja	<ol style="list-style-type: none"> 1. Designing UI 2. Validating user input for username and password 3. Storing account logins
Chore Sorting Options* Reviewer- William Moran Developer- Adam Raihan, Vrushank	<ol style="list-style-type: none"> 1. Implementing a sorting algorithm 2. Data structure to be implemented
Proof of Completion* Reviewer- William Moran Developer- Vrushank	<ol style="list-style-type: none"> 1. Designing UI 2. Doing Event Logging 3. Dashboards/summary page of task after completion 4. Confirmation Page / Updated
Competition Algorithm Implementation* Reviewer-Vrushank Developer - Ayan, Nathan, and Vrushank	<ol style="list-style-type: none"> 1. Designing UI 2. Designing a points algorithm with conditional statements 3. Dashboard to showcase results 4. Storing points / Updated frequently 5. Comparison Structure for Siblings
Excel Sheet* Reviewer- Ayan Developer- Vrushank	<ol style="list-style-type: none"> 1. Designing UI 2. Generating Excel Sheet / PDF 3. Bank Statement Layout
Database For Storing User Information* Reviewer- Harmandeep Arneja Developer - William and Vrushank	<ol style="list-style-type: none"> 1. Database Setup using SQL 2. Database designing to accommodate all user information (i.e. appropriate tables, fields) 3. Establish Connection to database 4. Unit and Integration Testing
Restricted View of Competition Standings for Parental Control* Reviewer- Adam Raihan Developer- Ayan and Vrushank	<ol style="list-style-type: none"> 1. Competition Participation Tracking 2. Design the database to record and store participation. 3. Standings Display on UI 4. User Access Control system to manage the view of both parent and child/ 5. Unit Testing
Child Removal Feature for Parental Account Management* Reviewer- Nathan Developer- Vrushank	<ol style="list-style-type: none"> 1. Designing UI 2. Modifying to add removal feature 3. Database recording and storing 4. Unit Testing

BUG REPORTS

Bug 1:

Problem report number	2024-03-21-001
Reported by	Vrushank Vaghani (tester)
Date reported	March 21, 2024
Program (or component) name	Registration of Parent and Child
Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	Database must be set up.
Report type	Functional issue
Can reproduce	Yes
Severity	High
Priority	[assigned by devs/proj. manager]
Problem summary	Registration is successful even if no usernames and passwords are entered.
Key words	Registration, Authentication, Bug, Null, Empty, Validation

Problem description and how to reproduce it	<ul style="list-style-type: none"> · Navigate to the registration page of either parent or child of ParentChoreSystem. · Leave the username and password fields blank. · Click on the "Register" button. · Notice that the registration process is completed successfully without entering any credentials. - Then login with blank fields and notice that login is also successful.
Suggested fix	Implement validation checks on the registration form to ensure that both username and password fields are mandatory before allowing registration to proceed. Display an error message prompting the user to fill in both fields if either or both are left empty.
Status	Closed
Resolution	[To be filled by the project manager]
Resolved by	Vrushank Vaghani (developer)

Bug 2:

Problem report number	2024-03-21-002
Reported by	Vrushank Vaghani (tester)
Date reported	March 21, 2024
Program (or component) name	Registration of Parent and Child

Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	Database must be set up.
Report type	Functional issue
Can reproduce	Yes
Severity	Medium
Priority	[assigned by devs/proj. manager]
Problem summary	Error message not displayed to the user when registering with an existing username.
Key words	Registration, Authentication, Bug, Username, Error, Backend
Problem description and how to reproduce it	<ul style="list-style-type: none"> · Navigate to the registration page of either parent or child of ParentChoreSystem. · Enter a username that already exists in the system. · Complete other registration details and click on the "Register" button. · Notice that the registration process does not proceed, but no error message is displayed to the user.
Suggested fix	Display an appropriate error message to the user indicating that the entered username already exists, ensuring transparency in the registration process.

Status	Closed
Resolution	[To be filled by the project manager]
Resolved by	Vrushank Vaghani (developer)

Bug 3:

Problem report number	2024-03-21-003
Reported by	Nathan Binu Edappilly
Date reported	March 22, 2024
Program (or component) name	Parent Account GUI
Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	[Not Applicable]
Report type	Error not being presented
Can reproduce	Yes
Severity	Low
Priority	Medium

Problem summary	Child deletion is still successful when no child selected in the first place instead of showing error
Key words	Deletion, Bug, Null, Validation, Frontend
Problem description and how to reproduce it	<ol style="list-style-type: none"> 1. Open the Parent Account GUI. 2. Navigate to the child deletion section. 3. Attempt to delete a child without selecting any child from the dropdown menu. 4. Notice that the deletion process proceeds without presenting any error message. <p>See how child deletion takes place after selecting no child, in certain circumstances this may occur and for this reason, if this proceeds and the parent continues with the use of rest of the app, they may assume that after this, that the child has already been removed, when in reality no child was actually removed. Therefore, with this bug fix, the parent will know whether or not they made a selection of child to be removed in the first place.</p>
Suggested fix	Implement validation to ensure that a child is selected before proceeding with the deletion process. If no child is selected(meaning if selectedchild = null), display an error message prompting the user to choose a child from the dropdown menu.
Status	Closed
Resolution	[To be filled by the project manager]
Resolved by	Nathan Binu Edappilly (developer)

Bug 4:

Problem report number	2024-03-21-004
Reported by	William Moran
Date reported	2024/03/21
Program (or component) name	Proof of Completion
Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	Not Applicable
Report type	Design issue
Can reproduce	Yes
Severity	Low
Priority	[assigned by devs/proj. manager]
Problem summary	Can't mark a chore as not completed in case the child pressed the wrong chore to mark as completed.
Key words	Uncompleted, child, button

Problem description and how to reproduce it	<p>-Navigate to the child account</p> <p>-A child clicks on a chore to complete and they accidentally click on one that they have not yet completed physically and press the mark as a completed button.</p> <p>-The child has no way of changing the status back so that it says it is not completed so they know to complete it in the future.</p>
Suggested fix	Have a button that says mark as not completed that allows it to change the status of the chore to not completed.
Status	Open
Resolution	[To be filled by the project manager]
Resolved by	[To be filled by the project manager]

Bug 5:

Problem report number	2024-03-23-001
Reported by	Adam Raihan (tester)
Date reported	March 23, 2024
Program (or component) name	Parent Account GUI
Release number	1.0

Version (build) identifier	1.0.0
Configuration(s)	Database must be set up.
Report type	Design issue
Can reproduce	Yes
Severity	Low
Priority	[assigned by devs/proj. manager]
Problem summary	If user clicks 'add child' button, but then changes their mind and cancels it, an error message "Please enter a valid child username!" is displayed.
Key words	Parent Account, Bug, Validation
Problem description and how to reproduce it	<ul style="list-style-type: none"> · Login to parent account · Click the "Add Child" button · Click on the "Cancel" button or the red x in the corner. · Notice that the message "Please enter a valid child username!" is displayed.
Suggested fix	Implement validation checks in the Parent Account GUI class where the message "Please enter a valid child username!" is only displayed when the user clicks the 'Ok' button with an invalid child account in the text field.
Status	Open

Resolution	[To be filled by the project manager]
Resolved by	[To be filled by the project manager]

Bug 7:

Problem report number	2024-03-23-002
Reported by	Adam Raihan (tester)
Date reported	March 23, 2024
Program (or component) name	Parent Account GUI
Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	Database must be set up.
Report type	Design issue
Can reproduce	Yes
Severity	Low
Priority	[assigned by devs/proj. manager]
Problem summary	Chores fields do not reset to blank when parent creates new chore

Key words	Chore Creation, Bug, Frontend
Problem description and how to reproduce it	<ul style="list-style-type: none"> · Login to a parent account · Create a chore by first filling in name, category, time, and payment fields, then clicking 'Create Chore' button · Notice that the fields in every category remain filled in with previous entries, even after that chore was created.
Suggested fix	After a chore is completed, reset all fields in the Chore Creation section so that they are blank every time a new chore is created
Status	Closed
Resolution	[To be filled by the project manager]
Resolved by	Vrushank Vaghani (developer)

Bug 9:

Problem report number	2024-03-24-001
Reported by	Harmandeep Arneja (Tester)
Date reported	March 24th, 2024
Program (or component) name	Database For Storing User Information

Release number	1.0
Version (build) identifier	1.0.0
Configuration(s)	Database must be set up
Report type	Functional Issue
Can reproduce	Yes
Severity	Low
Priority	Medium
Problem summary	When a parent account attempts to check the balance without having any child accounts associated with it, the system generates an error, as it fails to locate any child usernames in the database.
Key words	Check Balance, Child Account, Error, Database, Error Message
Problem description and how to reproduce it	<p>Scenario: Checking Balance with No Child Accounts</p> <ol style="list-style-type: none"> 1) A parent attempts to check the balance associated with their child accounts. <p>Steps to Reproduce:</p> <ol style="list-style-type: none"> 2) Log in to the ParentChoreSystem application as a parent with valid parent credentials. 3) Click on the check balance button on the main parent page when no children have been added. <ul style="list-style-type: none"> • Expected Result: The system should display the balance associated with the parent's child accounts or should tell the user to add a child to view his/her balance. • Actual Result: The system generates an error, indicating that it could not locate any child usernames in the database.
Suggested fix	Modify the check balance functionality to handle cases where no child accounts are associated with the parent account. Instead of querying the database for child usernames directly, implement a check to verify if any child accounts exist before attempting to retrieve their balances. If no child accounts are found, display a user-friendly message indicating that no balances are available.

Status	Open
Resolution	[To be filled by the project manager]
Resolved by	[To be filled by the project manager]