"ChoreMates" Release Plan

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Last Revised: 10/13/2024

High Level Goals:
- ability to join a housing/family group
  - optional parental feature (group admin)
- ability to create, delete, and modify chores
  - option to include sublists for the chores with specifications for what must be completed
  - ability to mark chores as complete/incomplete
- automated chore assignment with customized schedule rotation
  - overflow with unclaimed/unassigned chores
  - implement chore trading system
- implement notification system
  - reminders to complete chores
  - alert when the schedule rotates
- implement an anonymous messaging/commenting system
- include visual effects & aesthetics
- include section with list of house needs
  - ex dishsoap and other communal items
  - integrate splitwise for simple cost management

User Stories:
- ☐ **Sprint 1 (Total points = 30)**
  - ○ *SCRUM MASTER: Maggie*
  - ○ User Stories:
    - ☐ {Priority: 1} ACCOUNT: As an app user, I want to be able to make my own account so I have access to my own information. **[10]**
      - ☐ Ethan & Nate
    - ☐ {Priority: 2} ADD/DELETE CHORE: As an app user, I want to be able to create and delete chores that I must complete. **[8]**
      - ☐ Maggie & Victoria
    - ☐ {Priority: 3} MARK INCOMPLETE/COMPLETE: As someone who cleans at different times, I want to be able to keep track of what chores I have finished and what chores I still need to complete. **[6]**
      - ☐ Annabel
    - ☐ {Priority: 4} SUBLISTS: As someone who has a lot of cleaning to do, I want to be able to create sublists for my chores to further divide up the tasks. **[6]**
      - ☐ Kat
  - ○ Spikes:
    - ☐ Need to get familiar with the tech stack: React Native, Express.js
    - ☐ Need to figure out Android Emulation
    - ☐ Need to create the project shell for Git Repo

- ☐ **Sprint 2 (Total points = X)**
  - ○ *SCRUM MASTER:*
  - ○ User Stories:
    - ☐ GROUP: As a college student, I want to be able to join a household group with my housemates so that I can coordinate chores with the people I live with.
    - ☐ RECURRENCE: As someone who wants to build a routine, I want to be able to set chores to recur every so often without creating new chores every week.
    - ☐ PROFILE: As someone who loves personalization, I would like to be able to add a profile picture & name and customize my account.
    - ☐ CLOUD: As a frequent app user, I want to be able to access my app on my home screen regardless of my location.
  - ○ Spikes:
    - ☐ Implement groups in the database and UI

- ☐ Learn how to implement Cron Job to send out notifications at a certain times each week
- ☐ Figure out how to manage the scheduling

- ☐ **Sprint 3** (Total points = X)
  - ○ *SCRUM MASTER:*
  - ○ User Stories:
    - ☐ TAGS: As someone who has individual chores and group chores, I want to be able to add a tag to my chores on the Home Page so that I don't get confused between the two.
    - ☐ ASSIGNMENT: As someone who has many chores that need to be split up among housemates, I want to be able to assign different chores to different people.
    - ☐ ROTATION: As a housemate who repeatedly does the same chores, I want a different housemate to get assigned to a chore after it resets with recurrence.
    - ☐ ADMIN: As a parent, I don't want my children to be able to modify the chore list so I want to be able to enable admin rights within my family group.
  - ○ Spikes:
    - ☐ Learn how to use Expo Push API for Notifications

- ☐ **Sprint 4** (Total points = X)
  - ○ *SCRUM MASTER:*
  - ○ User Stories:
    - ☐ RECOMMENDED CHORES: As someone who wants setup to be fast, I would like there to be chores with descriptions already in the app that I can easily add to my house so I don't have to type out the details myself.
    - ☐ WEIGHTED CHORES: As someone who cares about fairness, I would like chores to have weights so the distribution is fair.
    - ☐ NOTIFICATIONS: As a mobile app user, I would like to be notified about incomplete chores and updated schedules.
    - ☐ CLOUD: As a frequent app user, I want to be able to access my app on my home screen regardless of my location.
  - ○ Spikes:
    - ☐ Figuring out how to get our app on cloud and on the playstore/appstore

Team Capacity (Total = 70-100):
- Kat: (14-17 hours)
- Nate: (12-18 hours)
- Victoria: (10-15 hours)
- Maggie (14-20 hours)
- Annabel: (10-15 hours)
- Ethan: (10-15 hours)

Backlog:

Basic Functionality:
- ACCOUNT: As an app user, I want to be able to make my own account so I have access to my own information.
- ADD/DELETE CHORE: As an app user, I want to be able to create and delete chores that I must complete.
- SUBLISTS: As someone who has a lot of cleaning to do, I want to be able to create sublists for my chores to further divide up the tasks.
- MARK INCOMPLETE/COMPLETE: As someone who cleans, I want to be able to keep track of what chores I have finished and what chores I still need to complete.

Features:
- GROUP: As a college student, I want to be able to join a house group with my housemates so that I can coordinate chores with the people I live with.
- ASSIGNMENT: As someone who has many chores that need to be split up among housemates, I want to be able to assign tasks to different people.
- ROTATION: As a housemate who repeatedly does the same chores, I want to be able to change what housemate gets assigned to what chore.
- RECURRENCE: As someone who wants to build a routine, I want to be able to set chores to recur every so often without creating new chores every week
- NOTIFICATION REMINDERS: As a mobile app user, I would like to be notified if a task is incomplete nearing the end of each rotation
- NOTIFICATION ALTERS: As a mobile app user, I would like to be notified when the schedule has rotated and which chores I have been assigned
- PROFILE CUSTOMIZATION: As someone who loves personalization, I would like to be able to add a profile picture.

Stretch Goals:
- WEIGHTED CHORES: As someone who cares about fairness, I would like chores to have weights so the distribution is fair.

- ADMIN: As a parent, I don't want my children to be able to modify the chore list so I want to be able to enable admin rights within my family group.
- ANONYMOUS MESSAGING: As someone who is afraid of confrontation, I want to be able to keep my housemates on track by reminding them anonymously about their tasks.
- OVERFLOW: As a house, there are instances where there will be more chores than fairly distributed. I want to have a list that would allow people to pick up chores.
- TRADING: As someone who may prefer certain chores, I would like to offer to trade chores with my housemates.
- RECOMMENDED CHORES: As someone who wants setup to be fast, I would like there to be chores with descriptions already in the app that I can easily add to my house so I don't have to type out the details myself.
- AESTHETICS: As just a girl, I want to use apps that have a cute and simple interface.
- CLOUD: As a frequent app user, I want to be able to access my app on my home screen regardless of my location.
- SHARED NOTES: As someone that shares stuff with housemates, I would like a place to track a shared shopping list.