

SMART SCHEDULER

How do we enable stay-at-home parents to engage in self-care and manage time effectively?

Users: Stay at home parents (SAHP) in America who have minor kids.

Context: SAHP devote their lives to their families and households while their hobbies inadvertently get side-tracked.

METHODOLOGY



EXPLORATORY RESEARCH

Performed semi-structured interviews, literature review, task analysis and competitive analysis to learn about our problem statement and users.



AFFINITY ANALYSIS

We obtained 150 data points through our research. There were categorised into 43 groups and 6 problem categories.



IDEATION

We brainstormed a total of 33 Design Ideas which led us to come up with 3 design alternatives.



WIREFRAMING

We created medium fidelity wireframes of the three design alternatives to later test the preference of users.



CONCEPT EVALUATION

We tested our concepts with 3 users. Based on their feedback, we decided the design we will move forward with.



PROTOTYPING

We then created the hi-fidelity prototype of the interface which will be tested to receive user feedback.



TESTING

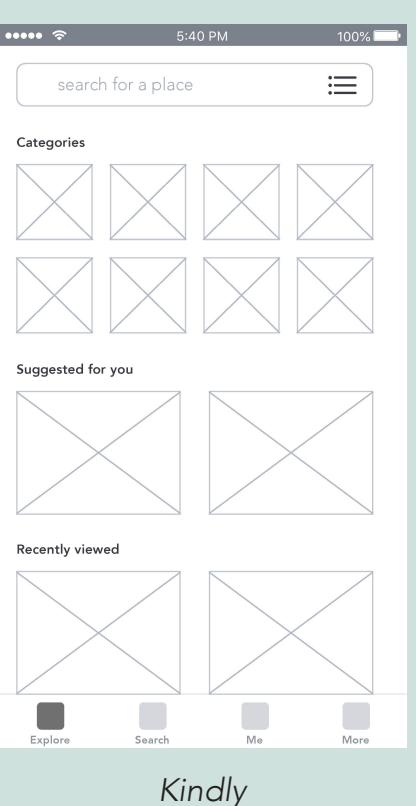
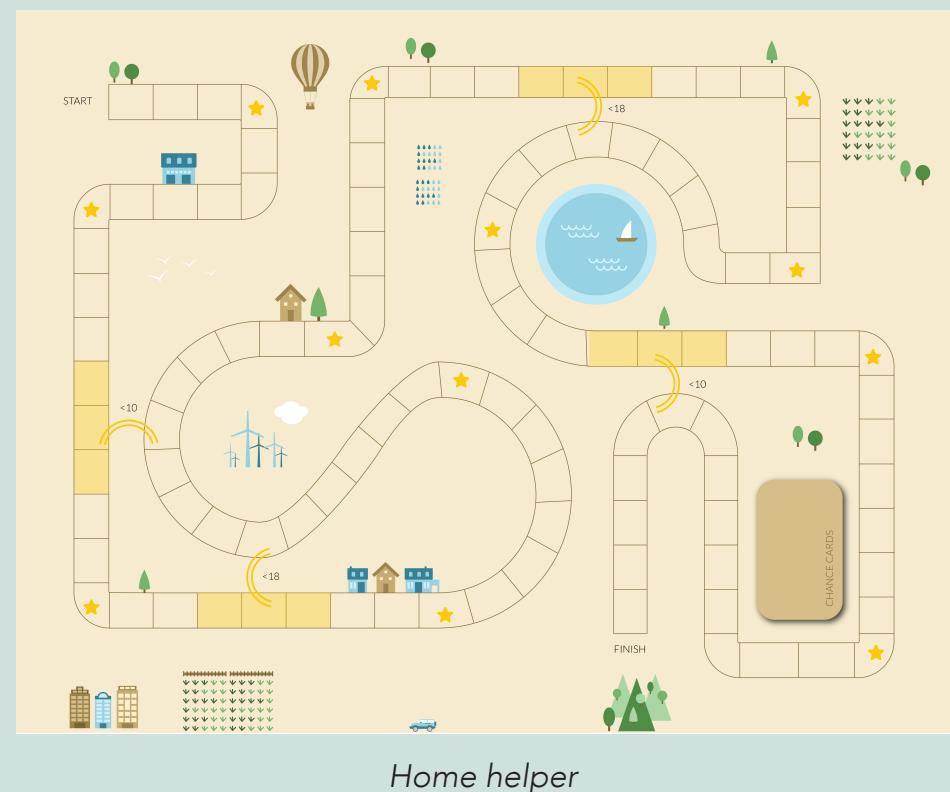
We will be performing usability testing with our potential users of the system and identify the usability issues with the system.

DESIGN CONCEPTS

- **Smart Scheduler:** It is a physical screen that helps SAHPs manage their time better. It includes a self-care chart which allows parents to track time they spend on themselves. It recommends events during free time and syncs with its mobile app for remote usage.

- **Home Helper:** It is a magnetic board game that hangs on a wall. It lets families share responsibilities of household chores. Performing a chore, takes one closer towards winning. By dividing work, the SAHP shall have more time for themselves.

- **Kindly:** It enables parents to find kid-friendly locations based on user ratings. This app lets parents save time by helping them find activities for their kids and reducing the planning time for outings.

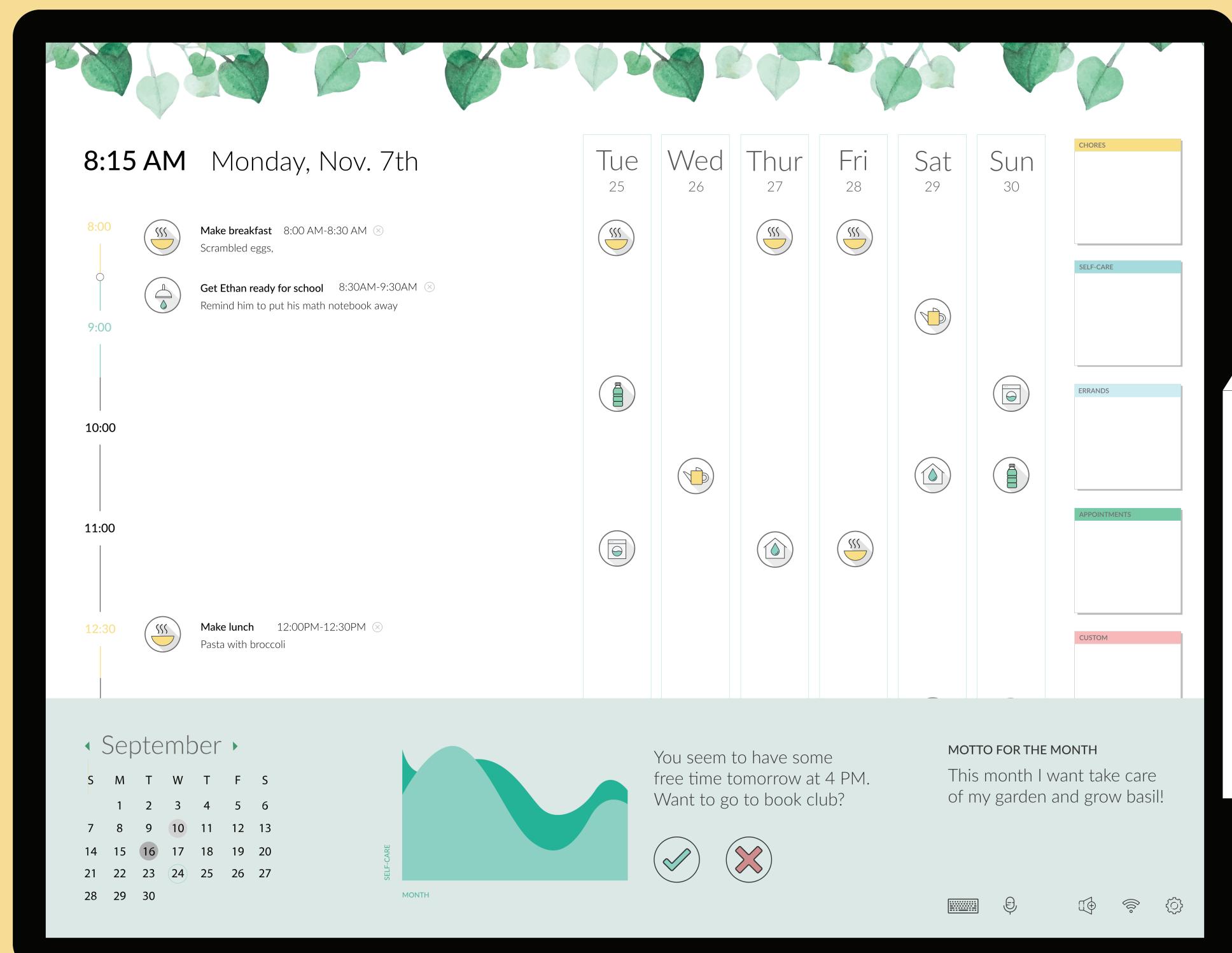


SMART SCHEDULER PROTOTYPE

The smart scheduler is an amalgamation of traditional timekeeping methods and modern technological calendars. Unlike a traditional calendar, the smart scheduler is not bound to the home because of the mobile app; users are able to view their schedule and create events anywhere they want to. The smart scheduler helps the user keep track of tasks to be performed and reminds them accordingly. It empathizes with the user and encourages them to take some time to enjoy their alone time and practice their hobbies.

Notable features of the Smart Scheduler are:

1. Daily schedule and upcoming week's events
2. Expandable footer that portrays user's goal of the month
3. Visualization of monthly time spent on self-care
4. Daily self-care suggestions
5. Movable digital sticky notes equipped with OCR
6. Smart pencil as an input alternative to the virtual keyboard.



NEXT STEPS-

After the Hi-Fi prototype is ready, we plan to articulate evaluation criteria to check how effective the Smart Scheduler interface is in helping parents manage their schedule and find time for self-care. We have a list of usability and design objectives that our test shall evaluate. We shall perform usability testing followed by semi-structured interviews and survey.

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