HerHealthHub

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By Gauri Arvind, Kshama Kolur, Anh Le, and Kailin Luo

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01.

Our Goals

This includes our project overview and team contributions

Project Overview

- Our project is an app where women can give each other clinic recommendations, keep copies of medical documents, medication tracker
- Our primary goals are to create a functioning application with our core features, which include our schedule, journal, and profile pages

Our Team

Anh Le

Roles: Developer
Contributions:
- Define CSS variables for united styling
- Designed Web UI/UX
- Created Button components
- Created the home page
- General issue resolving

Kailin Luo

Roles: Developer
Contributions:
- Created the Profile Card, Document Card, and Upload Document popup components
- Created the Profile page and layout
- Ensure all components displays correctly

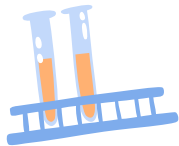# Our Team

Gauri Arvind

Role: Developer
Contributions:
- Created mock data
- Created the Navigation Sidebar Component
- Created the Schedules Page
- Ensured all components are working
- Ensured mock data displayed correctly

Kshama Kolur

Role: Developer
Contributions:
- Developed a reusable Card component with photo, title, and description based on UI specs.
- Implemented the full Journal page layout, including date range, toggle buttons, search bar, and calendar sidebar.
- Enabled display of past entries using cards and added a textarea for users to log symptoms and feelings.
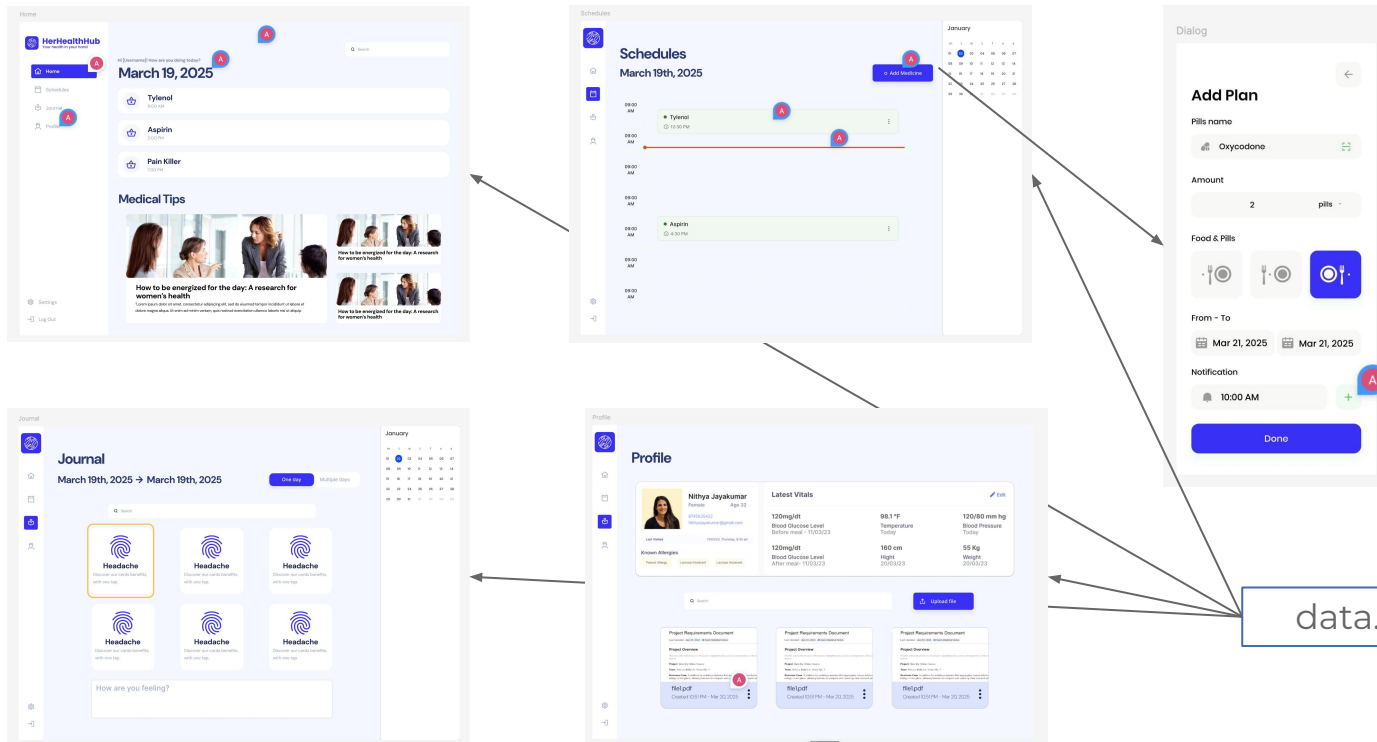
02.

Our Designs

This section discusses our architecture, development, and more
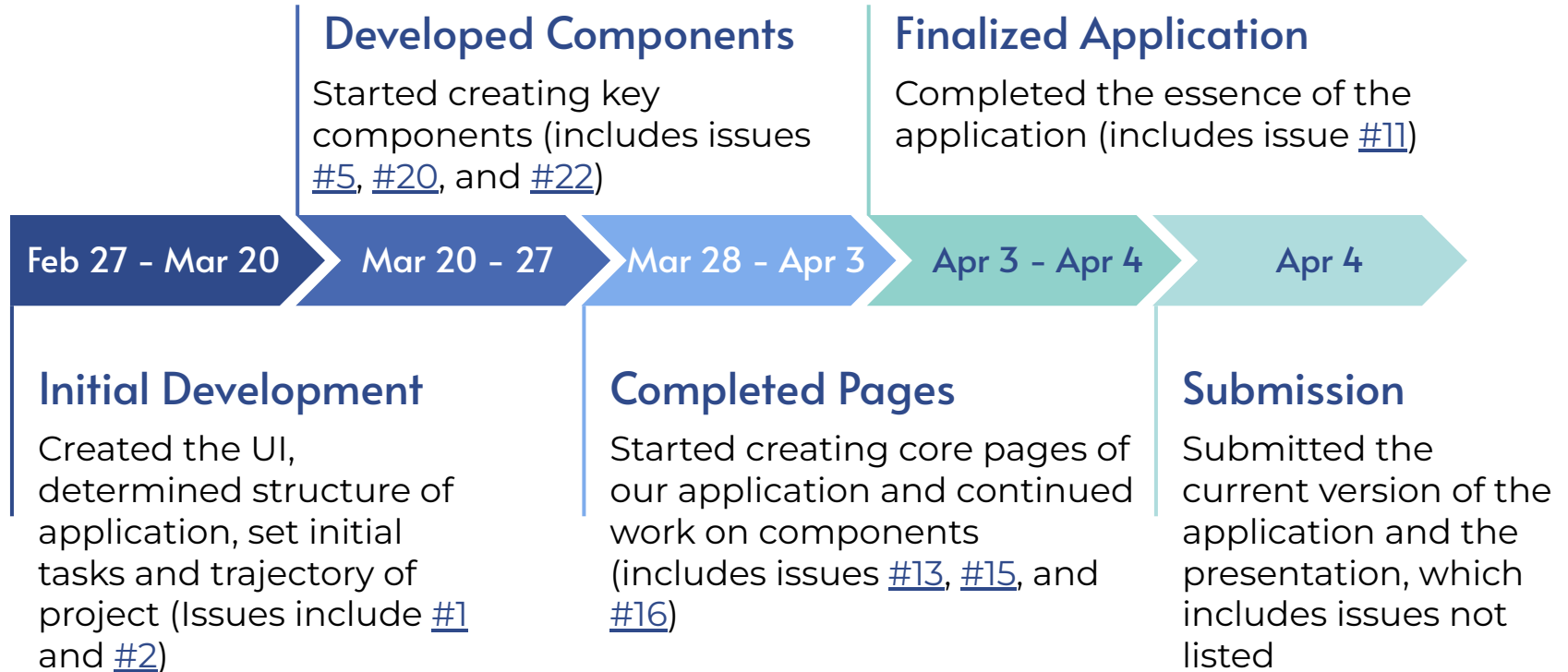
User Flow Overview

User Flow Overview

- The previous slide shows the key pages in our application, which are our Home, Schedule, Journal, and Profile Pages. These are based off of the Figma mockups of our application and it some aspects of it or design choices may be different in the final version of the frontend.
- Each of these pages can be traversed through a navigation bar, which is accessible on the side of the application and can be closed to icons.
- In addition, for the Schedule page, there is a dialog that allows the user to add medicines to their profile.
- State is currently managed by accessing mock data information, and within the application itself, it is managed through useState and passing key information through props.
- Components, such as the navigation bar, search bar, buttons, and cards are primarily designed using shadcn, an online library for React components. These components are designed separate from one another and components in general, besides the navigation component, interact with the page they reside in.
- The data itself is sourced from a json file at the moment and works with each file separately.
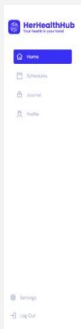
Historical Development Timeline

Developed Components
Started creating key components (includes issues #5, #20, and #22)

Finalized Application
Completed the essence of the application (includes issue #11)

Feb 27 – Mar 20	Mar 20 – 27	Mar 28 – Apr 3	Apr 3 – Apr 4	Apr 4

Initial Development
Created the UI, determined structure of application, set initial tasks and trajectory of project (Issues include #1 and #2)

Completed Pages
Started creating core pages of our application and continued work on components (includes issues #13, #15, and #16)

Submission
Submitted the current version of the application and the presentation, which includes issues not listed

Design and Styling Guidelines

- Our UI/UX design is focused on simplicity, minimalism, and accessibility. These choices guided our decisions made, ranging from the color palettes used to the features implemented.
- In terms of our color palette, we used a few key colors (specifically white, purple, and black) to convey our key themes while maintaining accessibility for those who have colorblindness, and used additional colors (such as yellow, gray, and green) to highlight key features and aid with understanding the intention of the page and its features.
- Our typography is also focused on accessibility, using fonts such as DM Sans, Helvetica, and Roboto Flex to create an experience that is easy to interpret.
- Our layout retains a similar structure on each page, such as with navigation and headers, allowing the user to understand how to navigate and use the application quickly.
- Our responsive design strategies include using Tailwind CSS to resize pages.
- The link to our style guide can be found in the Wiki of our Github repository, which is linked here: https://github.com/G-Arv/team-15-cs-426.
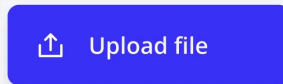
Component Documentation

Navigation Bar

A collapsible sidebar that allows the user to navigate between the Home, Schedule, Journal, Profile, and Settings Pages. It also allows users to log out.
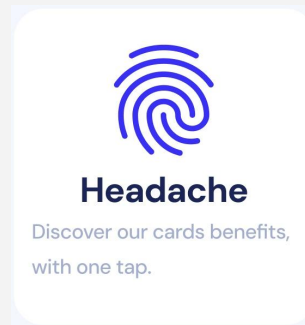

Search Bar

A search tool that allows users to search for specific items on a page.

Buttons

Designs multiple buttons that can be used throughout the application. These buttons are square, short, and long.

Cards

Designs multiple buttons that can be used throughout the application. These are for the Journal and Profile Pages.

Performance Considerations

Optimizations

Some of the optimizations utilized include limiting unnecessary renders with useMemo and creating key components for our application.

Profiling Results

Results were primarily profiled by rendering changes and testing the interface to determine if it acted as intended and covered edge cases for our application.

03.

Our Team Slides

This includes our individual contributions

01.

Anh's Contributions

Assigned Work Summary

Issues Tasked

The issues assigned include: Creating CSS Variable for consistent styling, create the button component, created the wireframe for web and mobile version, designing the UI/UX for the web app, created the home page, define device sizing.

The commits completed include **Y**: Designed UI/UX for web app, created the wireframe for the web and mobile version, created the buttons components, created the home page, created the UI/UX design style guide.

Issues Assigned and PRs

The PRs completed include **Z**:

https://github.com/G-Arv/team-15-cs-426/pull/33

https://github.com/G-Arv/team-15-cs-426/pull/28

https://github.com/G-Arv/team-15-cs-426/pull/25

https://github.com/G-Arv/team-15-cs-426/pull/24

Screenshots and Demonstration

```css
font-synthesis: none;
text-rendering: optimizeLegibility;
-webkit-font-smoothing: antialiased;
-moz-osx-font-smoothing: grayscale;
--radius: 0.625rem;
--background: oklch(1 0 0); /*can use*/
--foreground: oklch(75.37% 0.0505 271.06); /*can use*/
--page-background: oklch(97.59% 0.0099 267.36); /*can use*/
--primary: oklch(48.43% 0.2938 274.36); /*can use*/
--text-title: oklch(35.96% 0.1066 272.38); /*can use*/
--text-dark: oklch(28.91% 0.0941 271.14); /*can use*/
--text-light: oklch(1 0 0); /*can use*/
--text-gray: oklch(75.37% 0.0505 271.06);
--timeblock: oklch(90.9% 0.0648 151.8); /*can use*/
--text-link: oklch(70.87% 0.1516 271.66); /*can use*/
--success: oklch(75.33% 0.2083 148.71); /*can use*/
--error: oklch(65.18% 0.2339 34.08); /*can use*/
--card: oklch(97.59% 0.0099 267.36); /*can use*/
--card-foreground: oklch(0.145 0 0);
--popover: oklch(1 0 0);
--popover-foreground: oklch(0.145 0 0);
--primary-foreground: oklch(0.985 0 0);
--secondary: oklch(0.97 0 0);
```

```jsx
82   function App() {
90       useEffect(() => {
91           const getToday = () => {
116              return {
117                  wholeDate: today,
118                  day: dayNames[today.getDay()],
119                  month: monthNames[today.getMonth()]
120                  date: JSON.stringify(today.getDate(
121                  year: JSON.stringify(today.getFullY
122              };
123          };
124          setToday(getToday());
125          const homePageData = fetchData("");
126      }, []);
127      return (
128          <Layout>
129              <div className="text-start">
130                  <span>Hi username! How are you doing today? </span>
131                  <h1 className="text-text-title">
132                      {today.day}, {today.month} {today.date}, {today.year}
133                  </h1>
134              </div>
135              <div className="flex flex-col gap-4">
136                  <ReminderCardsList drugsData={mockData[0].medicines} today={today} />
137              </div>
```
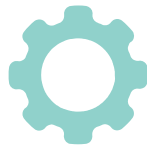
- Code for home page
- Code for CSS Variables configuration

Challenges and Insights

Some of the challenges that I faced included: Trouble figuring out how to define layout for navigation bar to integrate with the rest of the site. This is the first time I have used the Shadcn UI library in an extensive projects, so the learning curve was steep. It is also the first time I have worked with CSS Variables. Designing an extensive UI/UX and create a style guide line was also new knowledge to me.

In a collaborative team environment, I've realized: I can learn and grow a lot from working with my teammates. It is also a good chance to learn the skills by explaining concepts and helping my teammates debug their code.

02. Kailin's Contributions

Assigned Work Summary

Issues Tasked

The issues assigned include creating the search bar component, creating the page routing, creating the profile page layout, and ensuring that mock data and components displays correctly in the profile page.

The commits completed include creating the profile page layout and components, creating the page routing, and displaying mock data in the profile page.

Issues Assigned and PRs

The PRs completed include:

- page-route

The PRs closed include Y:

- 12-search-bar
- 14-profile-page

The PRs remaining include X:

- 14-profile-page which was closed to integrate 12-search-bar and other changes before reopening

Screenshots and Demonstration

Profile Page

Nithya Jayakumar
nithyajayakumar@gmail.com
Phone Number: 8745635422

Gender: Female
Age: 32
Last Visit: 11/03/23 at 9:30 AM
Username: nithyaJaya

Latest Vitals:
Blood Pressure: 120/80, Temperature: 98.1°F,
Weight: 55kg

Allergies: Peanut Allergy, Lactose Intolerant
Documents:

- eye prescription - something.pdf

Search..   Search

Upload Document

eye prescription
eye prescription from last check up (11/3/22)

something.pdf

During this milestone, I have created the profile card component, the document card component, the basic profile page layout, a placeholder search bar button, a placeholder upload documents button, and displayed mock data in the profile page. For the time being, I have hardcoded mock data into the profile page components. Integrating api calls to retrieve user data will be added in the next milestone.

Challenges and Insights

Some of the challenges that I faced included figuring out how React Router works, how to incorporate it into our project, and how to align text inside a div with two columns. It took more time to figure out how to style a custom component than I expected to because there were so many div returned in the body, that it was hard to see which one affected the text I wanted it to.

In a collaborative team environment, I've realized that working in person is much more efficient than working over zoom. Questions about each other's plan and design for the project can be answered immediately. I feel like working together in person was more productive to our progress as well.

03.
Gauri's Contributions

Assigned Work Summary

Issues Tasked

The issues assigned include creating the overall navigation bar component used in all pages of the application, creating the daily scheduling page for users, finalizing all components made within the Create Main Components issue, creating mock data, and ensuring data renders correctly across all pages.

The commits completed include designing the mock data, creating the main structure of the navigation bar and updating the navigation bar based on feedback, and creating the Schedule page.
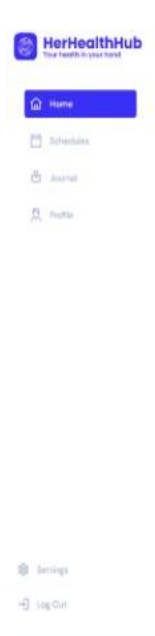
Issues Assigned and PRs

The PRs completed include: #20, #11, #1,

The PRs closed include: #1

The PRs remaining include: #21 due to pages that are yet to be finished, #10 as the pull request has not been approved yet, #30 and #35 as I'm not sure if it will be completed in time, and #3 as either the components remaining have not had an approved pull request or have not been completed yet.

Screenshots and Demonstration

- I implemented the Navigation Bar component, which includes a logo, links to the listed pages (Home, Schedules, Journal, Profile, Settings, and Log Out).

  - I ensured that the component was collapsible, all aspects were displayed, and that when clicking on each page, the application would redirect to the chosen page.

- I also implemented the Schedule page, which includes a calendar, a daily tracker of medicine to take, and a feature to add medicines to a user's schedule.

Challenges and Insights

Some of the challenges that I faced included integrating components, styling the components, and ensuring the mock data does not reload frequently. I've since learned more about utilizing shadcn to design webpages, styling with TailwindCSS and its benefits/drawbacks, and learning multiple ways that React can be used to potentially reduce reloads.

In a collaborative team environment, I've realized the importance of communicating effectively with teammates and working together to solve key issues with the application, including the design of the application.

04. Kshama's Contributions

Assigned Work Summary

Issues Tasked

The issues assigned include creating a reusable Card component (Issue #17) with a photo, title, and description, based on the UI sketches from Issue #2. This was part of the larger Journal page implementation (Issue #3), which allows users to log symptoms, reflect on their feelings, and view past entries.
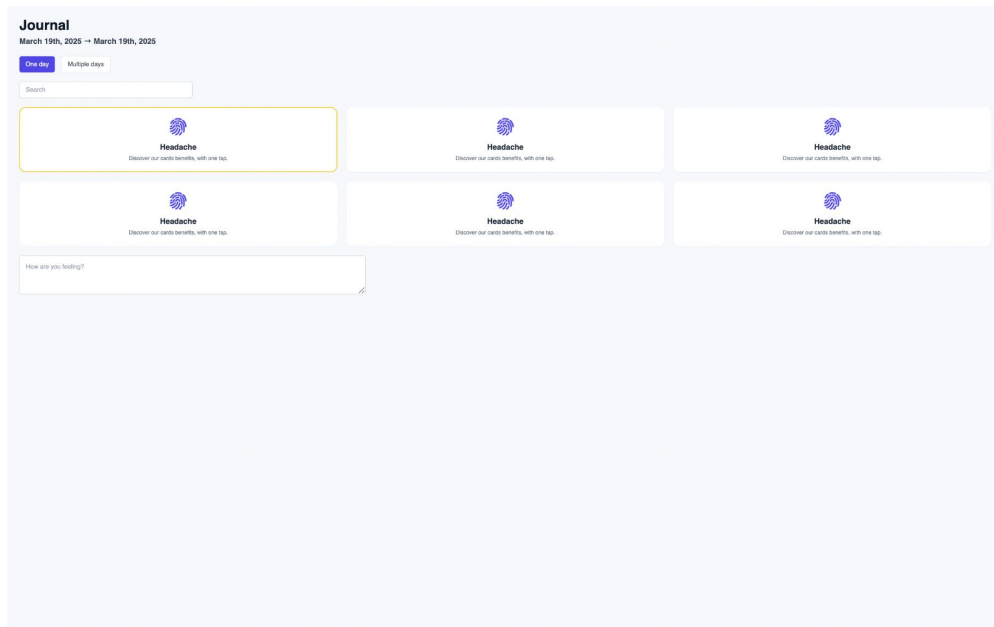
The commits completed include building and styling the Card component, designing the full Journal page layout, adding a calendar sidebar, implementing date range and view toggles, creating a search bar, displaying entries using cards, and adding a journal input field for user reflections.

Issues Assigned and PRs

The PRs completed include:

:https://github.com/G-Arv/team-15-cs-426/pull/37

Screenshots and Demonstration

- Implemented a reusable Card component with an icon, title, and description, styled to match the UI.

- Built the full Journal page layout with date range, toggle buttons, search bar, and calendar sidebar.

- Added functionality for displaying past entries as cards and a textarea for users to log their feelings.

Challenges and Insights

Some of the challenges that I faced included getting the card layout to wrap correctly across different screen sizes and aligning the calendar component to stay fixed while the rest of the page remained scrollable. Ensuring consistent spacing between components also took some trial and error. Another huge challenge I faced was combining my code with the repo, which I will still be working on. For now, the code relies in the journal folder under src.

In a collaborative team environment, I've realized the importance of clear communication and aligning early on design expectations to avoid rework and keep development efficient.

04.

Closing

This includes our future improvements and next steps

Future Improvements and Next Steps

- Future Improvements:
  - Anh:
  - Kailin: In the future milestones, we plan on adding User login, authentication, and a settings page to make it a more personalized experience for users.
  - Gauri: Some improvements that can be added for future milestones include adding a login page (if not implemented in this milestone) and solidifying the overall user experience.
  - Kshama: Improving UI for the user, making it cleaner. Make the pages more tailored to the user, and not so general.
- Next Steps:
  - Some areas of technical debt include ensuring that the remaining pages that are not integrated into the codebase are working and ensuring all reusable components are working and are referencing data
  - Aspects that we can optimize further include our UI design and rendering across devices

Version Log

Version and Date	Contributors	Summary
V1.0 – 2/19/25	Gauri Arvind, Kshama Kolur, Anh Le, and Kailin Luo	Initialized the Github repository and added all members as contributors
V1.5 – 4/4/25	Gauri Arvind, Kshama Kolur, Anh Le, and Kailin Luo	Continue to make progress on Milestone 1 including making the page layouts, components, and mock data.
V2.0 – TBD	TBD	TBD

Thank You!

Please let us know if you have any questions.