

Fitch Codeathon 2022

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VOCEL Mobile App Overview

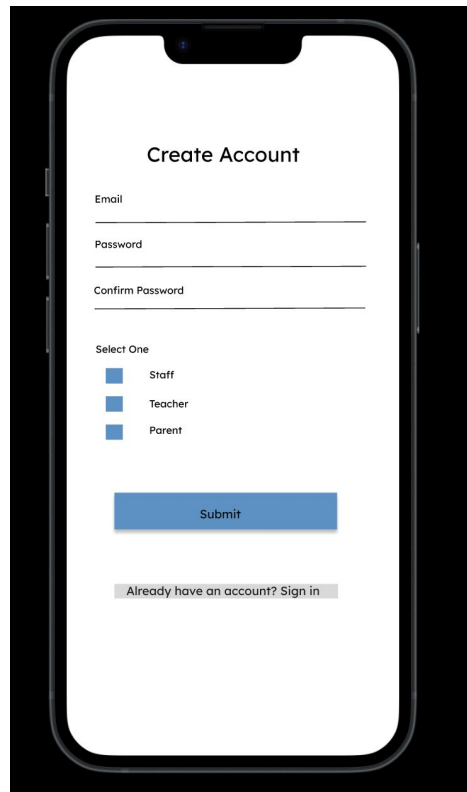
- Tools we used
- Our implementation
- Some challenges with setting up the code





Tools

- Used Figma to create graphical design for the application
- Created graphical outlines for different parts of the application





Create User Page

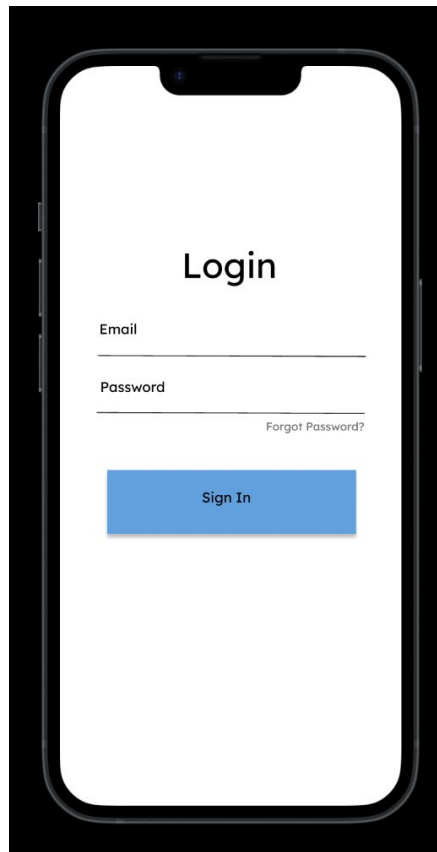
- First page when opening the app
- Requires user to enter email, password and account type (administration accounts will be verified via the email handle, will require @vocol to make an administration account)
- For returning users, click the link at the bottom of the screen

A screenshot of a mobile application's 'Create Account' page. The page is white with a black border. At the top, the title 'Create Account' is centered. Below it are three input fields for 'Email', 'Password', and 'Confirm Password'. Under these fields is a section titled 'Select One' with three radio button options: 'Staff', 'Teacher', and 'Parent'. A blue 'Submit' button is centered below the options. At the bottom, there is a link that says 'Already have an account? Sign in'.



Login Page

- Directed to from the create new user page
- Requires user to enter email, password, and also has the option of “forgot password,” which will send a link to reset their password to their email





Home Page

- Directories to different pages at the bottom of the screen
- Profile settings accessed by the icon in the top right corner





Profile Page

- Allow users to change initial profile settings and ability to add items (like children and schools)
- Dietary Needs entered here (and changed here) to avoid needing to enter it for each rsvp
- This is where information about the organization will be, along with socials

The image shows a mobile app interface for a 'Profile' page. At the top, there is a blue header with a 'Menu' button on the left and the title 'Profile' in the center. Below the header, the form is organized into several sections. The first section is for 'Parent Name' with two text input fields. The second section is for 'Child Name' with two text input fields and a small blue square button with a white '+' icon below the first field. The third section is for 'School' with a single text input field and a similar blue '+' button below it. The fourth section is for 'Language' with two buttons: 'English' (highlighted in blue) and 'Spanish'. The fifth section is for 'Dietary Needs' with a single text input field. Below these form fields, there is a gray footer area. It contains the text 'About us: Strengthening early learning in homes, schools, and communities across Chicago.' followed by 'Contact us:' with sub-labels 'email:' and 'phone:'. Below that is the text 'Connect with us! (Socials linked below)' followed by three colored squares: yellow, green, and red. In the bottom right corner of the footer, there is a small icon of three stylized people.

Menu Profile

Parent Name:

Child Name:
+

School:
+




Language: English Spanish


Dietary Needs:

About us: Strengthening early learning in homes, schools, and communities across Chicago.

Contact us:
email:
phone:

Connect with us! (Socials linked below)

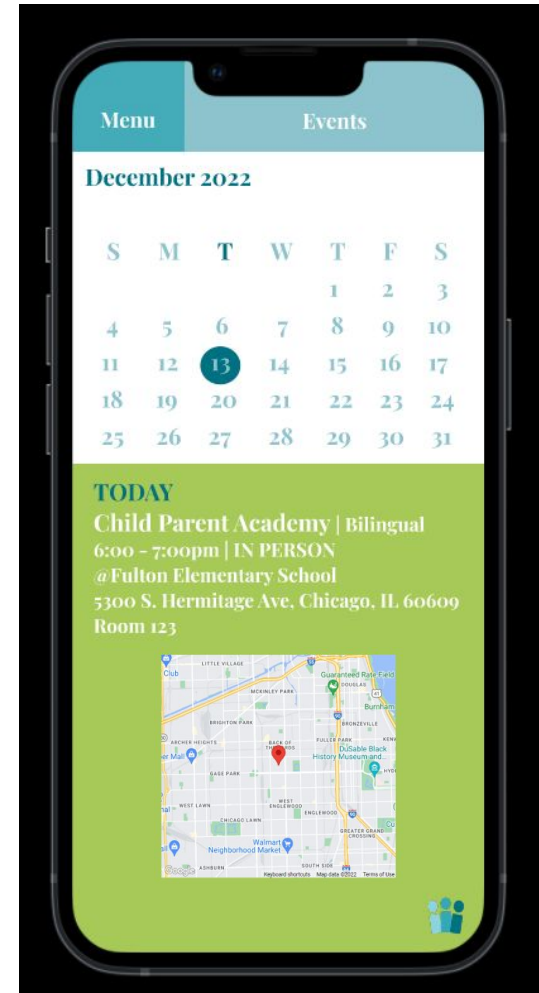
  





Events Page

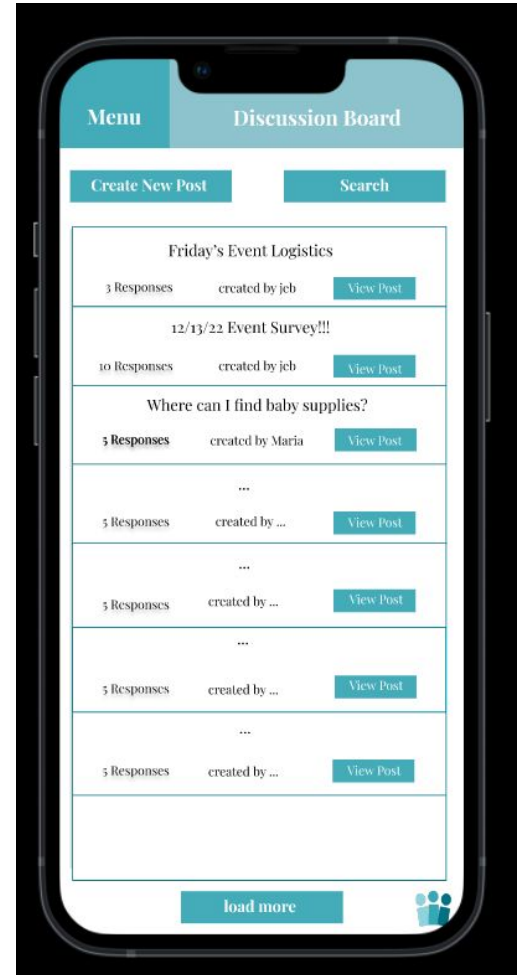
- Calendar
 - When dates with events are clicked, get rsvp link
 - Location shown on map, or will specify online location if the event is online
- Menu bar displays the same icons from the home page, but on the left side of the frame (in a vertical manner)





Discussion Board

- Based on community/school set in profile, will get specific forums
- Allows for anyone to create posts
 - Will show a preview of each thread (number of responses and creator)
- Allows for people to search for keywords in threads





Future Ideas to Advance the App

- Add notification to the apps when events are happening
- Ability to pin discussion boards to the top of the page
- Ability for staff to see how many users (educators, parents) have viewed a post/discussion board
- Have specific discussion boards for educators, staff, and parents
- Ability to view event analytics (authorization given only to staff members/educators)



Challenges

- New to flutter and amplify
- Challenges troubleshooting
- Limited time

Conclusion

- Overall, we had a great experience
- Got to use and get familiar with a lot of new tools
- Got to talk with and get advice from our mentor (Sathindra)
- Met a lot of new people





Github Link

- Figma Links under a file called Figma-Links

<https://github.com/mjohn98/Fitch-Codeathon>