



# Rolli Polli Final Presentation November 30, 2022

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# Introduction

- **Motivation for idea**

- We wanted a way to get perspectives from a diverse selection of people on liked and popular topics.
- It being anonymous would provide a platform to voice your honest opinion on local topics.

- **Intended users**

- Anyone who would need an honest opinion on something they are indecisive about.
  - This would include opinions such as creating a new club, beginning a new project idea, etc.
- Anyone who is curious in day to day analytics.

- **Problems addressed**

- Solved problem of having a quick way to find an answer from the populous.
- Solved problem of hiding identity to share honest opinions.



# Goals

- **Set out to Achieve:**

- Clean and inviting User-Interface.
- Feed that is populated by polls within the user's locality.
- Page to receive and answer random polls continuously for fun.
- Easy way to create new polls and then view results.
- Customizable profiles through use of colors and emojis.
- Comment section to see people fighting.

- **Have Achieved:**

- Clean and inviting User-Interface.
- Feed that is populated by polls within the user's locality **and globally**.
- Easy way to create new polls and then view results.
- Customizable profiles through use of colors and emojis.
- Comment section to see people fighting.

- **Missing:**

- Page to receive and answer random polls continuously for fun.




# Biggest challenges

- **Learning Flutter and Firebase**
  - Half of team was unfamiliar with both
- **Dedicating time to Rolli Polli**
  - Some members faced unfortunate events
  - Other classes took too much time
- **Unit Testing**
  - Majority of team were unfamiliar with testing application
- **Debugging**
  - Lots of spaghetti

# DEMO

9:38

  
**Rolli Polli**


Email

Password

**Sign In**

No account yet? [Sign Up!](#)

9:48

  
**Sign Up**

Email


Password

Confirm Password

**Sign Up**

By signing up, you agree to our [Terms](#), [Privacy Policy](#), and [Community Guidelines](#)

9:47

  
**Rolli Polli**


Email

Password

**Sign In**

No account yet? [Sign Up!](#)

9:21

  
**Sign Up**

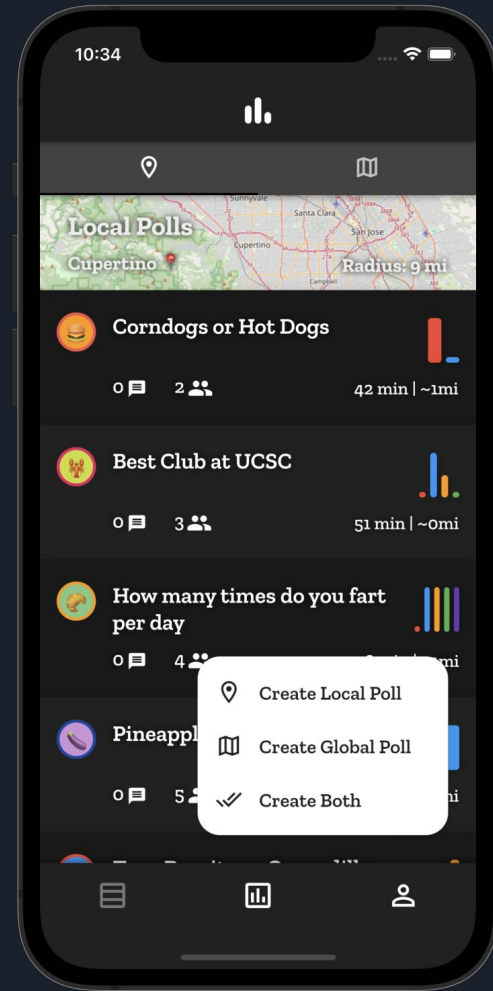
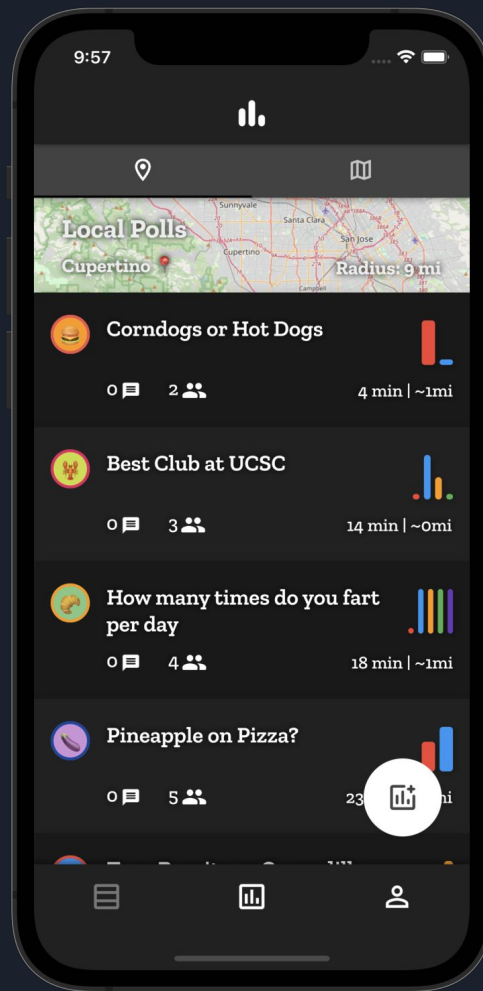
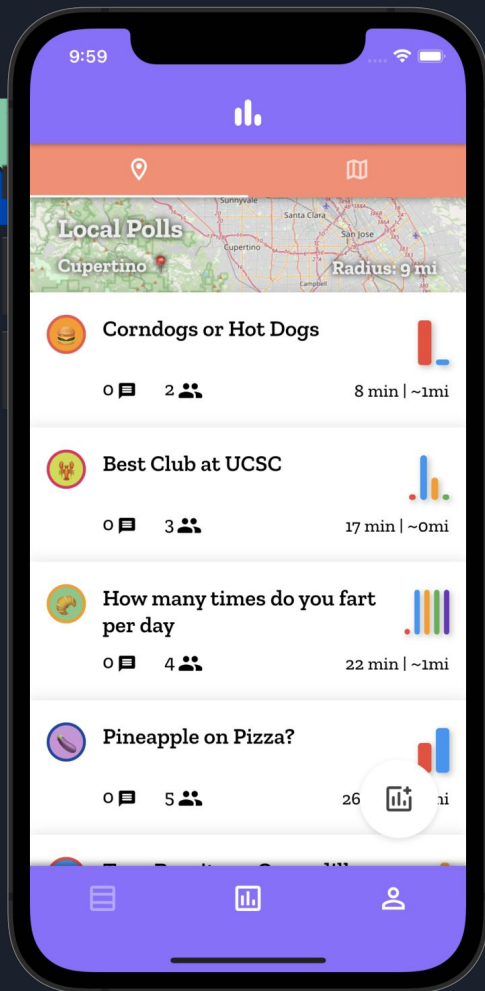
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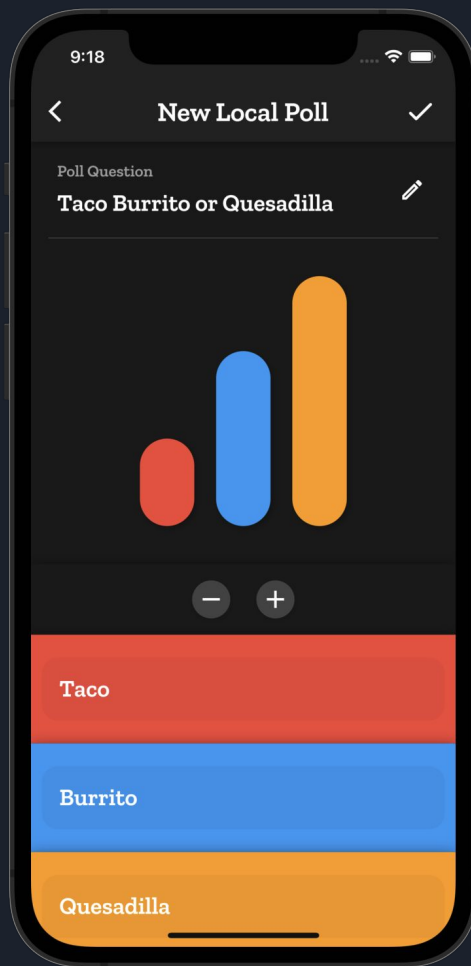
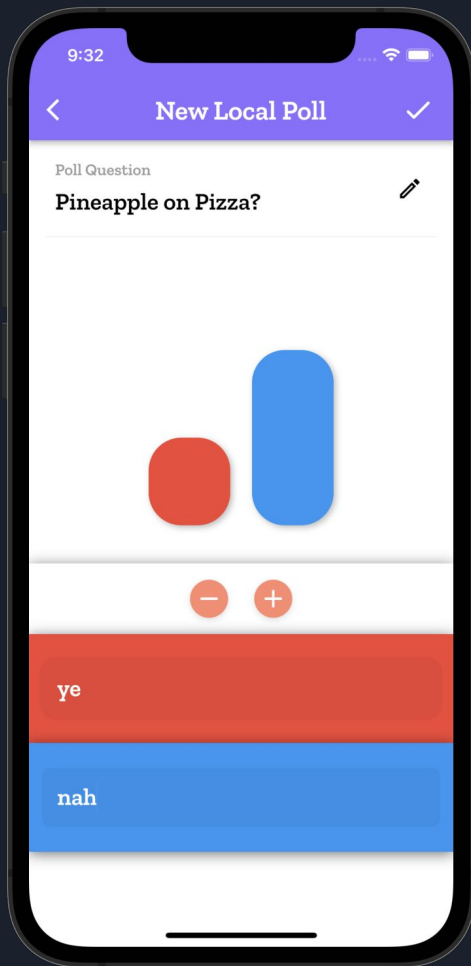
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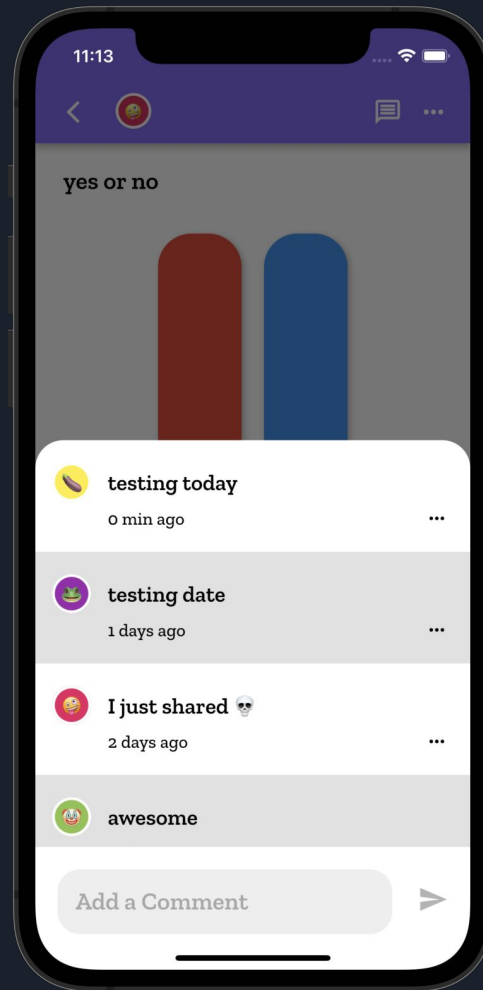
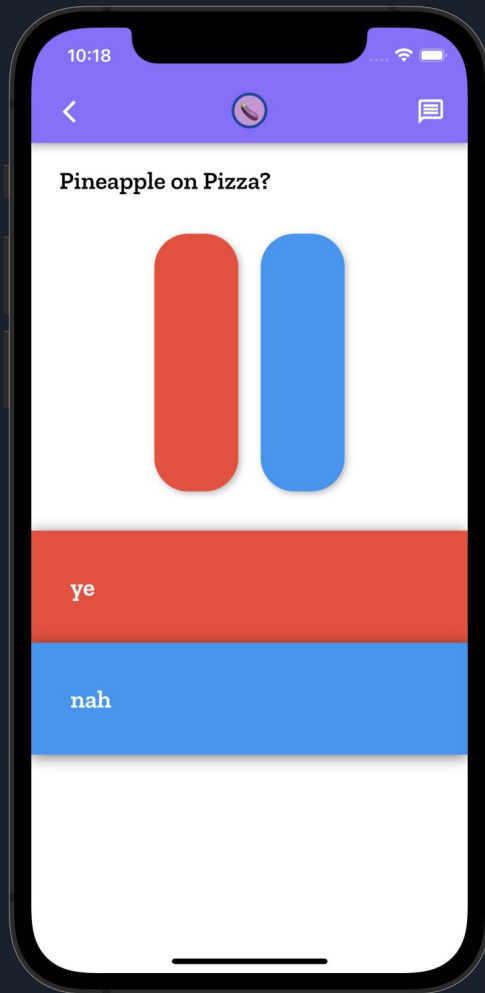
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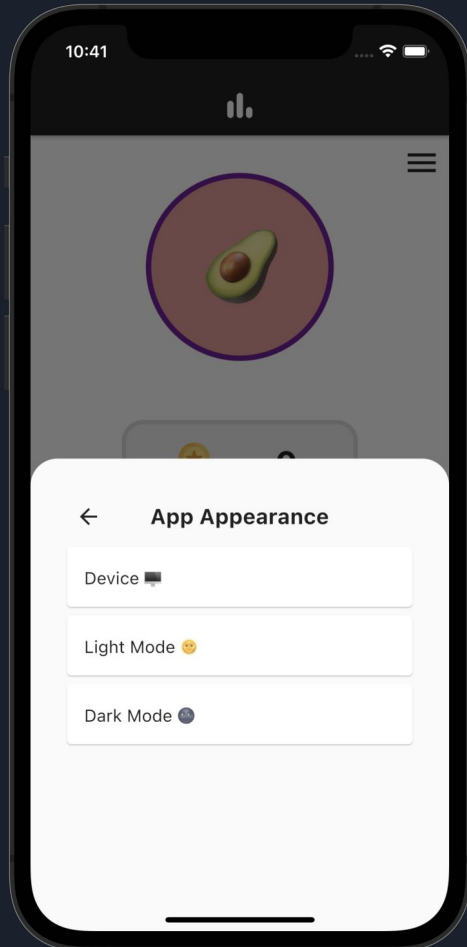
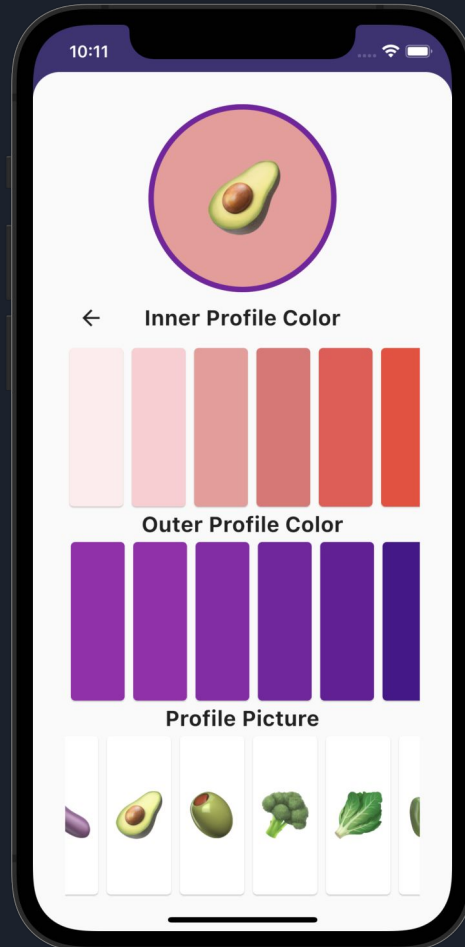
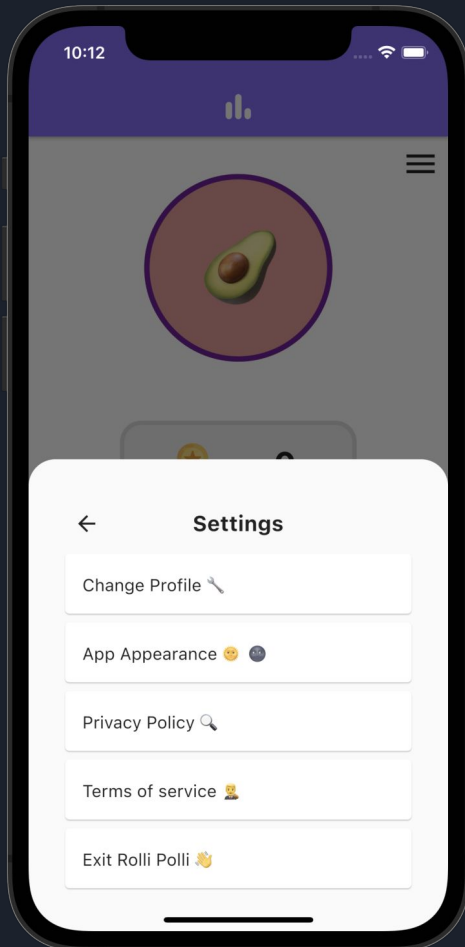
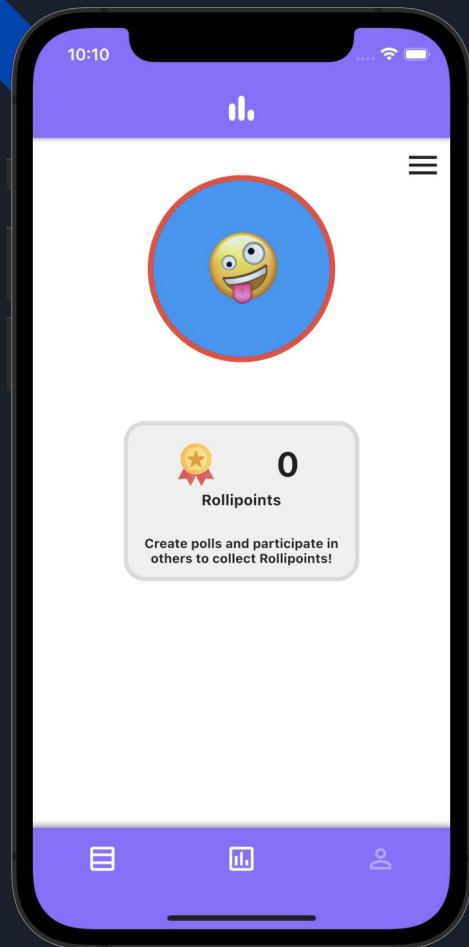
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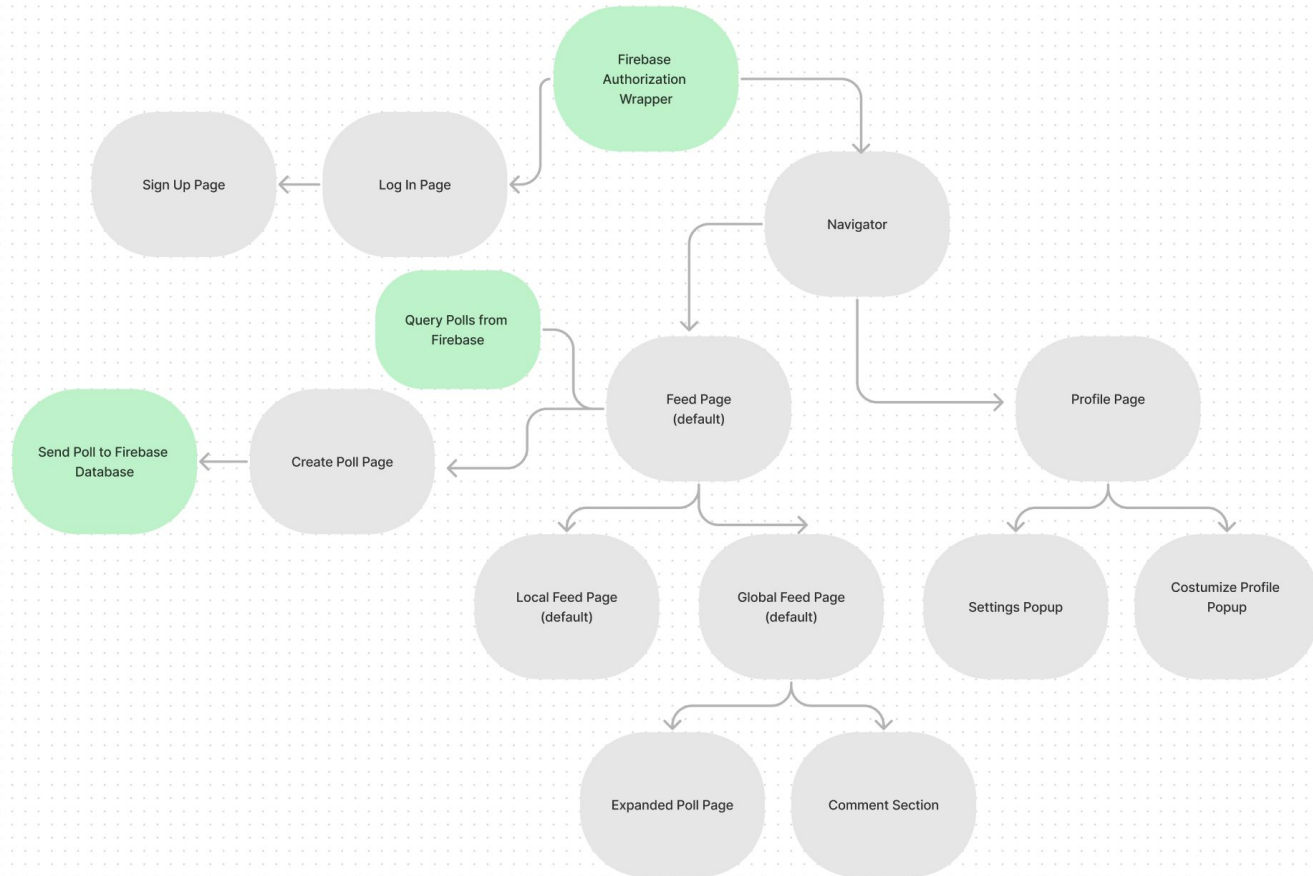








# System Diagram





## Tech Stack

- Front end: **Flutter**
- Back end: **Firebase**
- Language: **Dart**
- Design: **Figma**
- Collaboration: **GitHub**



Figma



# Project Management Techniques

- **Scrum**
  - Sprint plans/reports, burnup charts, standups, scrum boards
- **Communication**
  - Remote collaboration
    - Zoom
    - Discord
  - In-person
- **Quality Assurance**
  - Unit testing
  - Walkthroughs
  - Pair Programming
  - Quality Inspection



# Things we did enjoy/didn't enjoy

- **Enjoy**
  - Showing off finished User stories
  - Combining Work
  - Teaching each other different solutions
  - Debugging together
- **Didn't Enjoy**
  - Learning our tech stack
  - Finding a dedicated time that works for everyone
  - Merge conflicts
  - Debugging alone



# Lessons Learned

- **Keep Doing**
  - Meet up regularly
  - Being vocal, share opinions, be transparent
  - Work together as a team on complex tasks
- **Stop Doing**
  - Last minute changes
  - Pushing back work
- **Should have done**
  - More testing
  - Better communication when touching someone else's work



Thank you and goodbye ;)