













# Study Bytes

Group Members: Hyma Jujjuru, Santana Reyes, Apollo Hoffman, Michael Sexton, Billy Daves

# What is Study Bytes?

- A website for the amazing students of Boulder where they can find the study groups organized for them.
- Displays local study groups happening on or near campus in Boulder.
- Addresses the problem of finding/being aware of study groups to join on campus.
- Our target audience: Computer Science Students
- Functionality: inform/advertise study groups through an easy user interface, with an option to search for specific study groups based on filtering options.

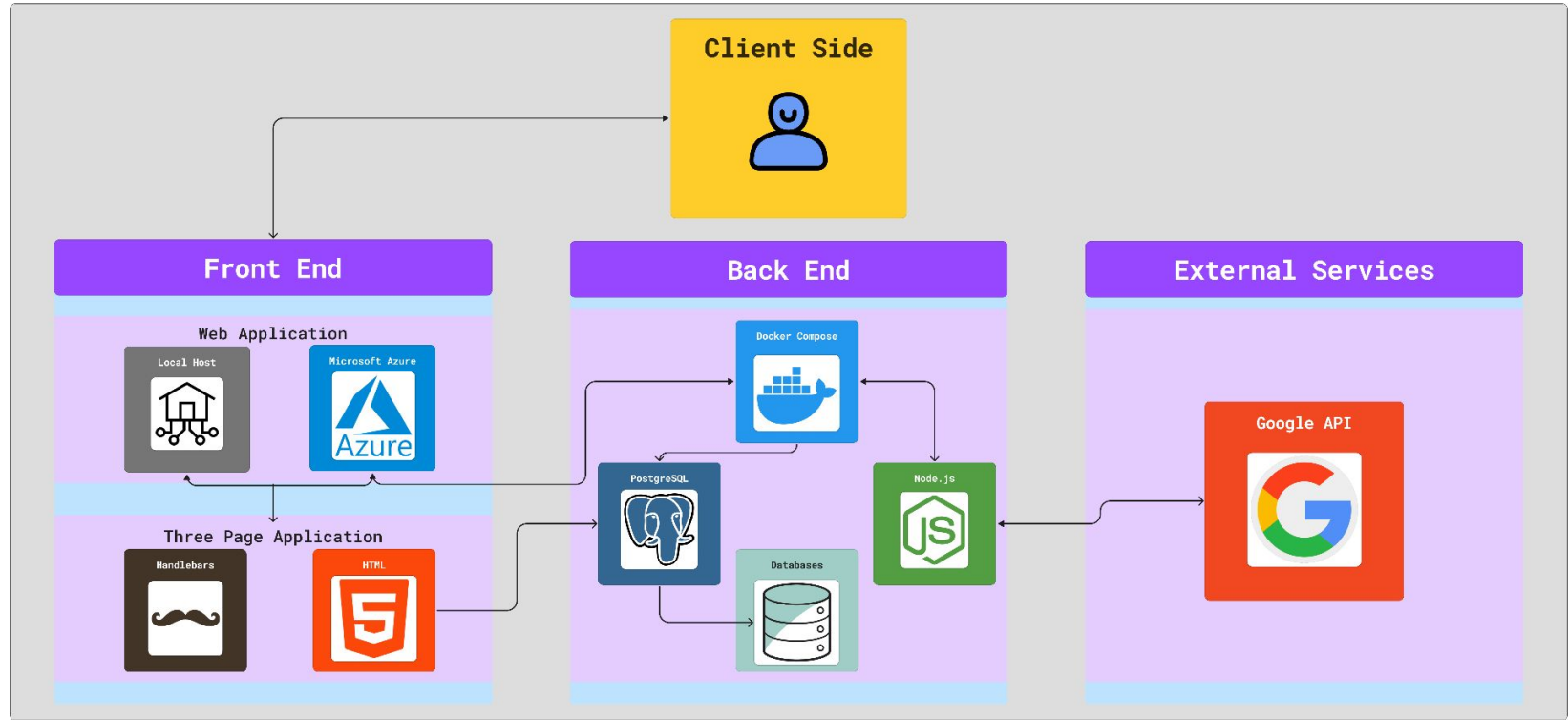
# Tools Used

-  • GitHub Project Tracker: Rating - 5
-  • GitHub VCS Repository: Rating - 5
-  • PostgreSQL Database: Rating - 5
-  • VSCode IDE: Rating - 5
-  • Handlebars, HTML, Wireframes(Figma) UI Tools: Rating - 4
-  • Localhost, Azure Deployment Environment: Rating - 5, 4
-  • Google API Authentication: Rating - 4
-  • NodeJS Application Server: Rating - 4
-  • Discord Communication: Rating - 5
-  • Docker: Rating - 5
-  • 

# Methodologies

- Peer Code Reviews with TA
  - Pair Programming
    - Work in pairs in later stages of coding
  - Iterative coding with Agile
- 
- In-person Team Meetings using GitHub Project Board

# Architecture Design



# Current Features

- Login/ Logout/ Register for users.
- Optional authorize Google feature that is then used for our add events to Google Calendar feature.
- Create Study Group Events feature that will be added to Events list view.
- Filter Study Group Events based on certain criteria for Events list view.
- Manage Profile details feature that will display user details.

# Demo

# Challenges

- Database connection issues
  - Unable to test features each person was implementing
  - Sometimes did not work for all of us
- Calendar UI
  - Wanted to use calendar UI instead of card view
  - Took too much time with many issues to deal with
  - Decided to go with a card view.
- GAPI documentation
  - A lot of the current GAPI documentation is confusing



# Future Enhancements

- Ability to filter a calendar view
  - A calendar view provides a cleaner view of the events
- Potential expansion to other majors:
  - We currently have only engineering classes
- Educator UI to post Office Hours
- Chat feature where users can discuss plans
  - Discussion boards similar to piazza
- Updated Google sign-in feature

QUESTION