



Google Developer Groups
On Campus KLHB



HACK ANANTA

Build Beyond Limits



Team Details

- a. Team name: Team Dominators
- b. Team leader name: Vihas Vattikuti
- c. Problem Statement: Open Innovation

Brief about your solution and problem statement addressing

The Solution that we came up with was an App that was a One Stop Solution for multiple needs of students on a campus

Our Application provides solutions to many problems like Resource Borrowing , Transports live tracker , Sports Equipment Borrowing , Electronics or Notes Borrowing , SOS button to ensure safety of students , Grievance Report Section for students to talk about their difficulties , a Free room locator for the KLH-B campus and etc

Opportunities

- a. How different is it from any of the other existing ideas?
- b. How will it be able to solve the problem?

It is different from any other ideas because we made sure that the interface was easy to use for newcomers and that we were able to provide a smooth and satisfying experience for all our users. Students need not move from one app to another app for different solutions because we managed to fit all of the solutions to their problems in a single app.

It is able to solve the problem because we managed a successful integration of all our solutions with the help of lots of google technologies like Stitch , AntiGravity , Firebase , Google Maps and etc.

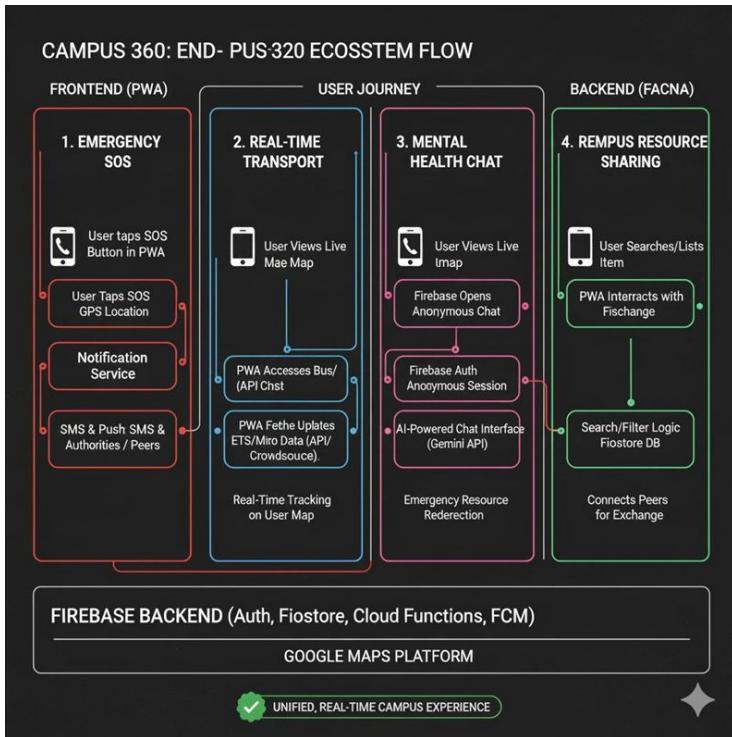
List of features offered by the solution

- SOS button for Student Safety
- Event Management Page for registrations
- Transport Tracker
- Free Room Locator
- Grievance Reports
- Canteen menu and booking
- Sports Equipment booking
- Community Chat for borrowing notes and etc
- Broadcast Alerts to students
- Valid Authentication using FireBase
- Proper Administration System (Super Admin , Sports Admin , Canteen Admin and etc)

Google Technologies used in the solution

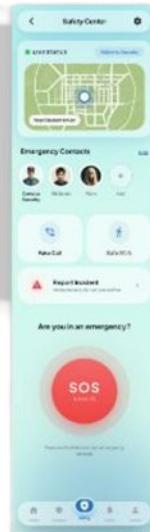
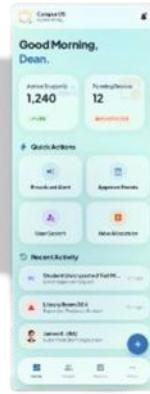
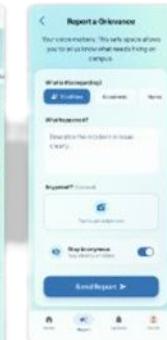
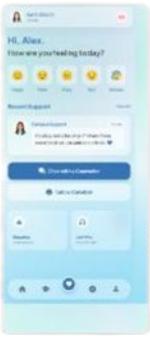
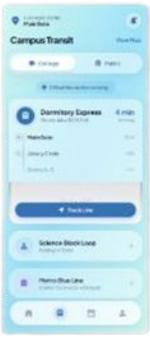
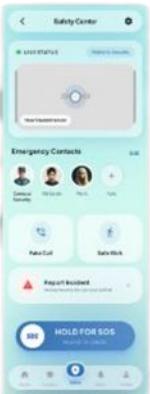
- **Google FireBase**
- **Google Maps**
- **Stitch**
- **Android Studio for the APK**
- **Google Gemini**

Process flow diagram or Use-case diagram

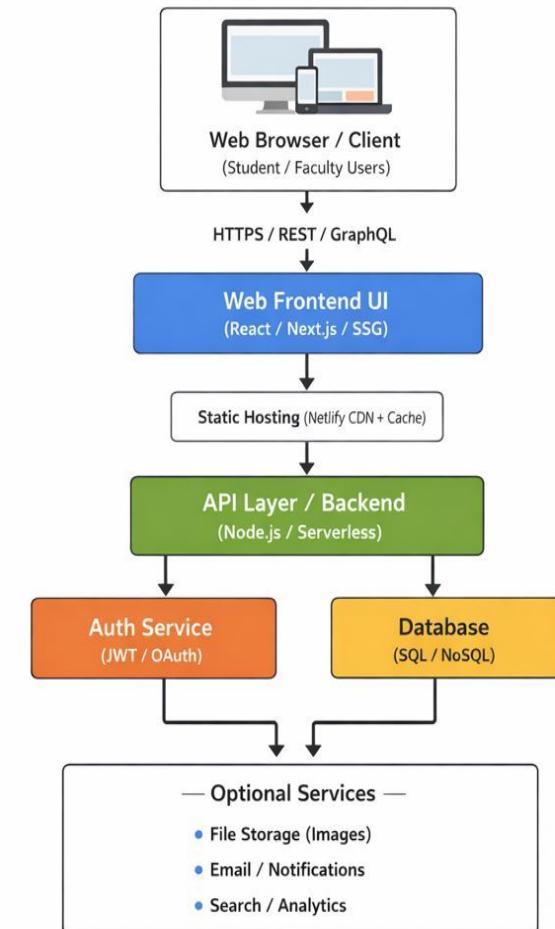


Wireframes/Mock diagrams of the proposed solution (optional)

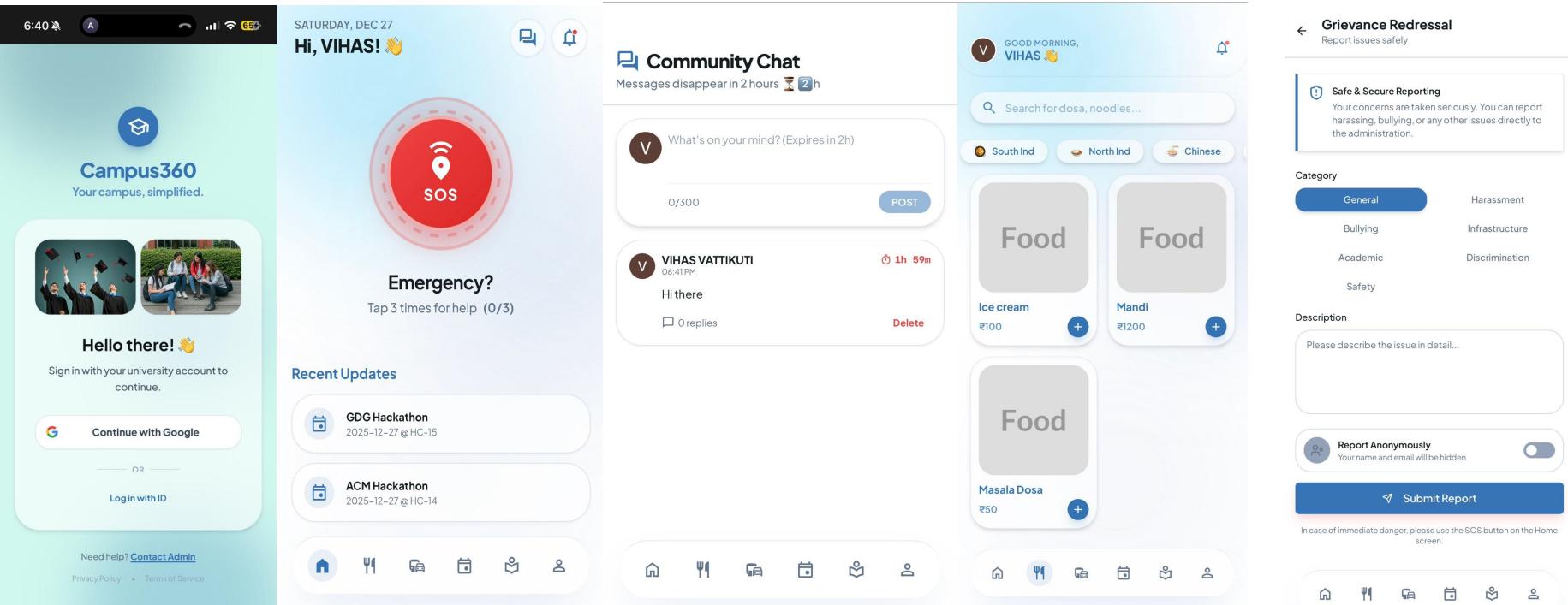
Login Screen



Architecture diagram of the proposed solution



Snapshots of the MVP



Home Screen: Displays the app's name "Campus360" and tagline "Your campus, simplified." It features a large red SOS button with a location icon. Below it, a message says "Emergency? Tap 3 times for help (0/3)." A "Recent Updates" section lists "GDG Hackathon" and "ACM Hackathon." At the bottom, there are tabs for Home, SOS, Events, Books, and Profile.

SOS Screen: Shows the date "SATURDAY, DEC 27" and a greeting "Hi, VIHAS! 🙌". It has a large red SOS button with a dashed red border. Below it, a message says "Emergency? Tap 3 times for help (0/3)". A "Recent Updates" section lists "GDG Hackathon" and "ACM Hackathon". At the bottom, there are tabs for Home, SOS, Events, Books, and Profile.

Community Chat Screen: A messaging interface titled "Community Chat" with the instruction "Messages disappear in 2 hours 2h". It shows a post from "VIHAS VATTIKUTI" at 06:41PM with the message "Hi there" and "0 replies". Another post from "V" at 06:40AM says "What's on your mind? (Expires in 2h)" with "0/300" characters typed. At the bottom, there are tabs for Home, SOS, Events, Books, and Profile.

Grievance Redressal Screen: A form titled "Grievance Redressal" with the sub-section "Safe & Secure Reporting". It includes sections for "Category" (General, Harassment, Bullying, Infrastructure, Academic, Discrimination, Safety) and "Description" (a text input field). It also features a "Report Anonymously" toggle and a "Submit Report" button. A note at the bottom states "In case of immediate danger, please use the SOS button on the Home screen."

Additional Details/Future Development (if any)

- A Chatbot for students to talk about their mental health
- Digital bus passes to show to management
- Integrate student timetables and academic calendars into the app

Provide links to your:

1. GitHub Public Repository :

<https://github.com/Vihas30622/HackAnanta-TeamDominator>

2. Demo Video Link (3 Minutes) :

<https://drive.google.com/drive/folders/1A6UgpbrpPVdWYb5d8nMbWGc2UyEogtZT>

3. MVP Link :

<https://github.com/Vihas30622/HackAnanta-TeamDominator/releases/download/Campus360/app-debug.apk>

Web Version to explore the UI : <https://genuine-sawine-89cec0.netlify.app/>





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Hack Ananta



Build Beyond Limits

Thank you!

Let's build beyond limits

