

Namma Hack



Leveraging the power of AI



Team Details

- a. **Team name:** Novex 
- b. **Team leader name:** Shreehari S Kulkarni
- c. **Problem Statement:** Open Innovation

Problem Statement

Students miss out on hackathons, events, internships, and workshops because information is scattered across WhatsApp groups, emails, posters, and personal networks. As a result, opportunities are under utilised and reach only a small, well-connected group of students.

Solution Overview

Novex is a single platform that aggregates all campus opportunities in one place, personalised for each student. It ensures verified events, easy discovery, and clear access to organisers, so students can confidently participate in real opportunities.

- a. How different is it from any of the other existing ideas?

Currently, most students rely on **WhatsApp groups, emails, and notice boards** to learn about campus events and opportunities. However, **not every student is part of every group**, and information is often scattered, outdated, or even unverified.

- b. How will it be able to solve the problem?

We will create a **common platform** — either a website or an app — **accessible to all students**. Event organisers or admins can **create events and tag them** according to type, branch, and relevance. Using **AI-based recommendation**, Novara will **match each student's personal interests** with relevant events and opportunities, and suggest them to join, ensuring that **every student sees verified and meaningful opportunities** tailored to them.

List of features offered by the solution

- **Centralised Opportunity Hub**

All campus events, hackathons, workshops, internships, and announcements in one common platform.

- **AI-Based Personalised Recommendations**

The system suggests events to students based on their interests, profile, and past activity.

- **Verified Events Only**

Events can be posted only by authorised admins or organisers, reducing fake or misleading information.

- **Equal Access for All Students**

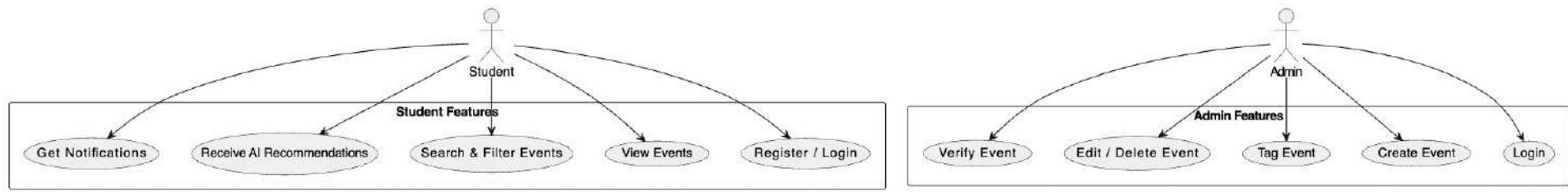
Every student sees the same verified opportunities, removing dependency on private networks or WhatsApp groups.

Google Technologies used in the solution

Current Implementation:

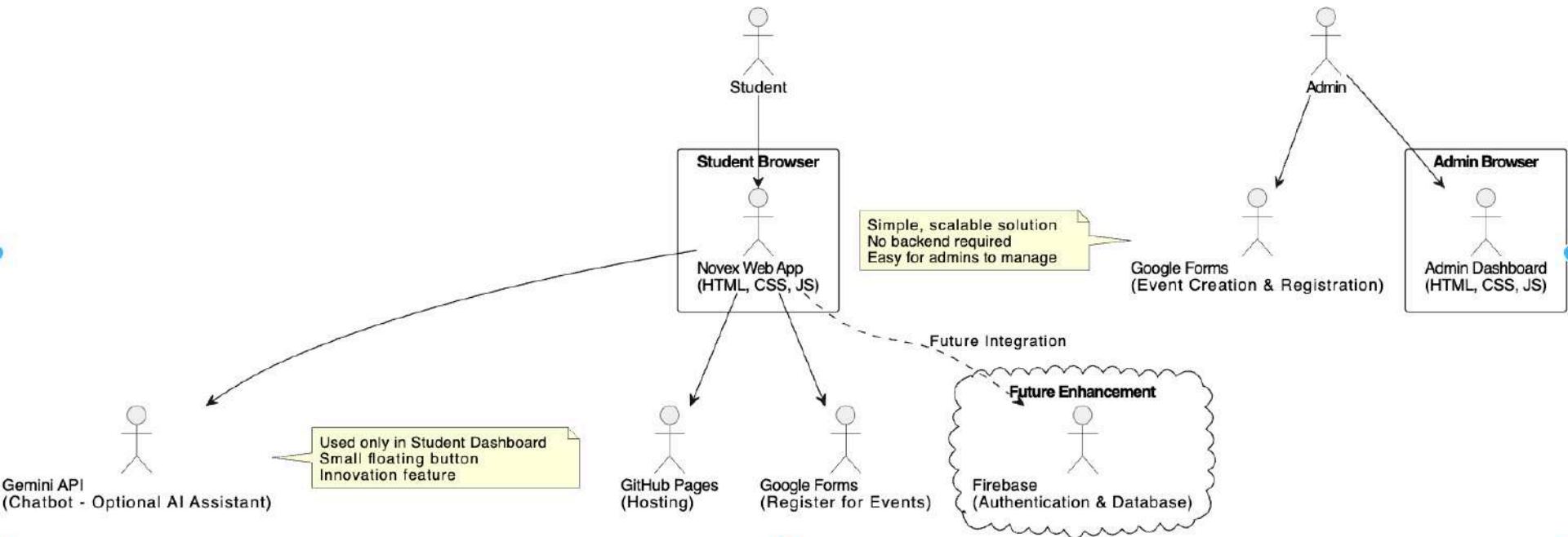
- **Google Forms** – Used for event registration and automatic response collection
- **Google Gemini API** – Used to power the in-dashboard AI chatbot assistant
- **AntiGravity** – Used for rapid UI development and interactive animations
- **GitHub Pages** – Used for free, fast, and reliable deployment

Process flow diagram or Use-case diagram



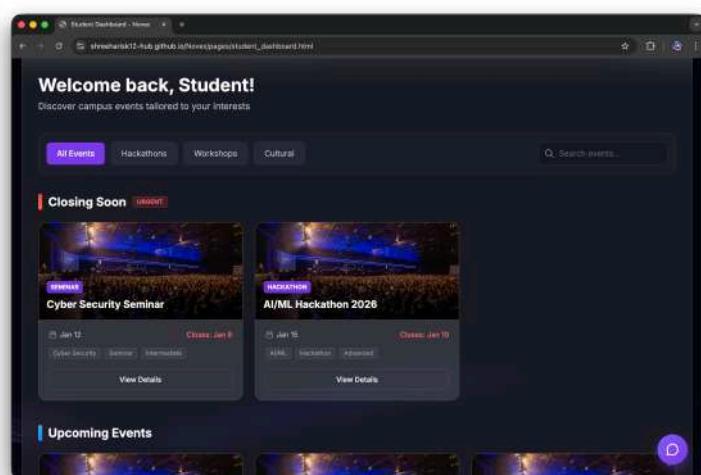
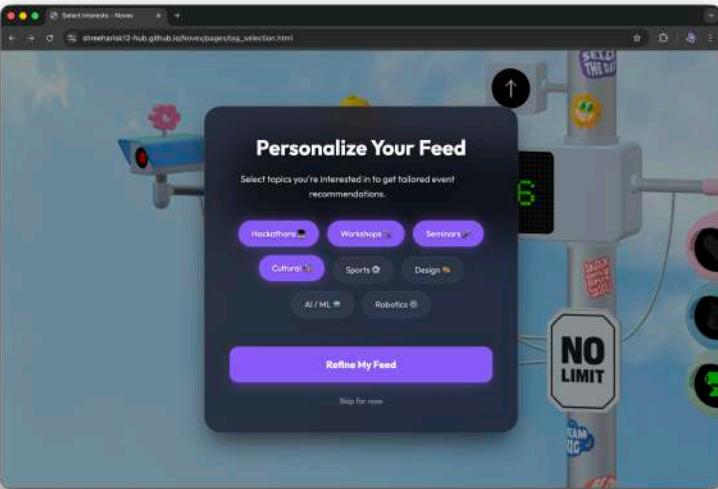
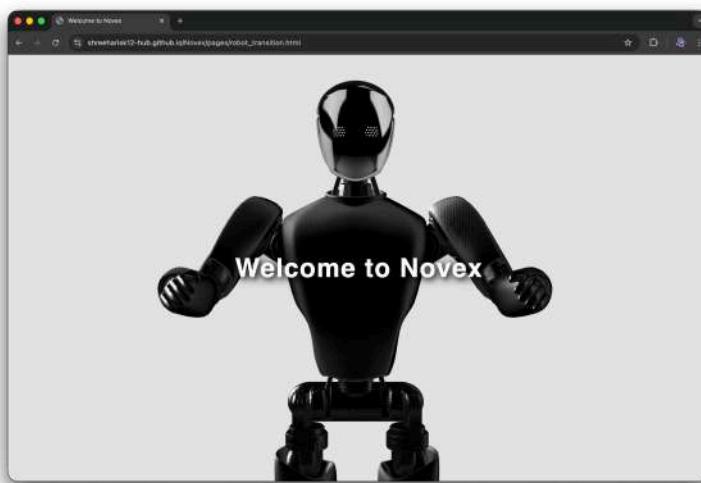
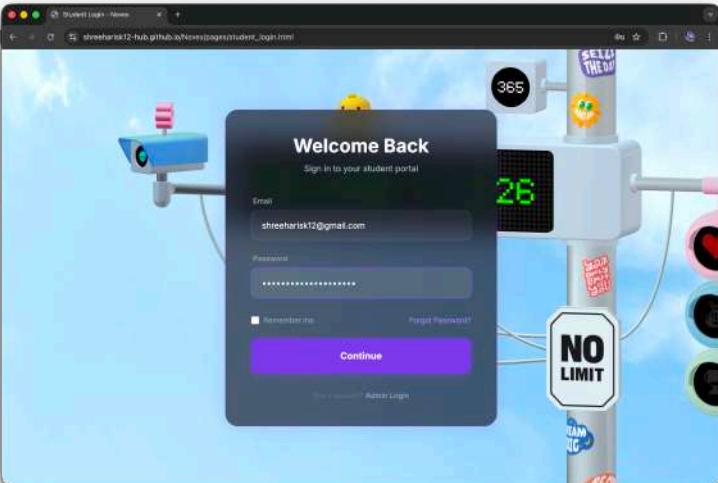
Architecture diagram of the proposed solution

Novex - System Architecture





Snapshots of the MVP



Additional Details/Future Development (if any)

Future Integration (Planned):

- **Google Firebase**
 - Firebase Authentication – Secure student and admin login
 - Firestore Database – Real-time storage of events and registrations
 - Firebase Cloud Messaging – Deadline and notification system

Provide links to your:

- 1. GitHub Public Repository - <https://github.com/shreeharisk12-hub/Novex>**
- 2. Demo Video Link (3 Minutes) - <https://youtu.be/kkYZY8iUnrk>**
- 3. MVP Link - <https://shreeharisk12-hub.github.io/Novex/>**



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Thank you!

