



**SMART INDIA
HACKATHON
2022**

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: All India Council for Technical Education (AICTE).

PS Code: DR711

Problem Statement Title: Lack of information about Academic Activities in a single platform

Team Name: Breakers of Bugs

Team Leader Name: Ajinkya Palaskar

Institute Code (AISHE): 41484

Institute Name: Anantrao Pawar College of Engineering & Research

Theme Name: Smart Education

Idea/Approach Details

idea/Solution/Prototype

- ❖ Students have to search for information about dates, places and themes of various academic activities and events.
- ❖ Lot of time & efforts are wasted in this & despite all that, they may miss out on vital information & chances to make presentations.
- ❖ A **portal** to display info about academic activities across the country **chronologically** & in **subject areas** so students & researchers can prepare in advance.
- ❖ A **research section** where students & researchers will be able to publish their research and related findings.
- ❖ Optional student login to allow them to save their **areas of interest** and display events accordingly.
- ❖ **Filter** feature with multiple options & the ability to directly **search** for an event by its name or other details.
- ❖ **Reminders** and **notifications** to participating users, so they don't miss out on opportunities.

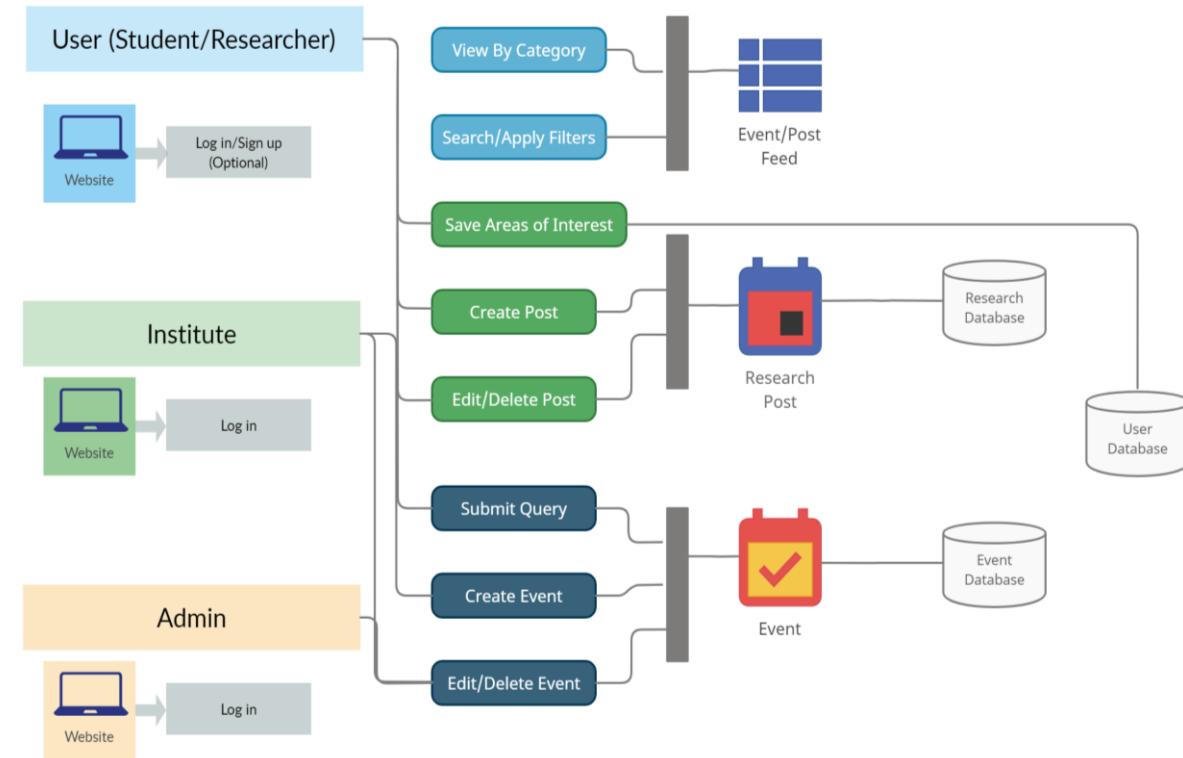


Fig. System Architecture

Technology stack

- ❖ Web technologies: HTML, CSS, JavaScript, React.
- ❖ Back-end technologies: Node.js/Express.
- ❖ Database: MongoDB (NoSQL) or MySQL.
- ❖ Cloud services: AWS.

Idea/Approach Details

Use Cases

- ❖ Make students aware about national & local workshops, seminars, symposia, conferences & other academic events.
- ❖ Provide 100% **accurate information** about these academic activities such as dates, venues, themes, rules etc.
- ❖ Provide **extra exposure** to lesser-known academic events by allowing institutes/organizations to publish details about these events.
- ❖ Allow students and researchers to **publish findings** related to their current research.
- ❖ Reduce the dependency on social media platforms to increase **reachability** to the stakeholders.
- ❖ Allow students to **submit queries** regarding activities directly to the organizers.

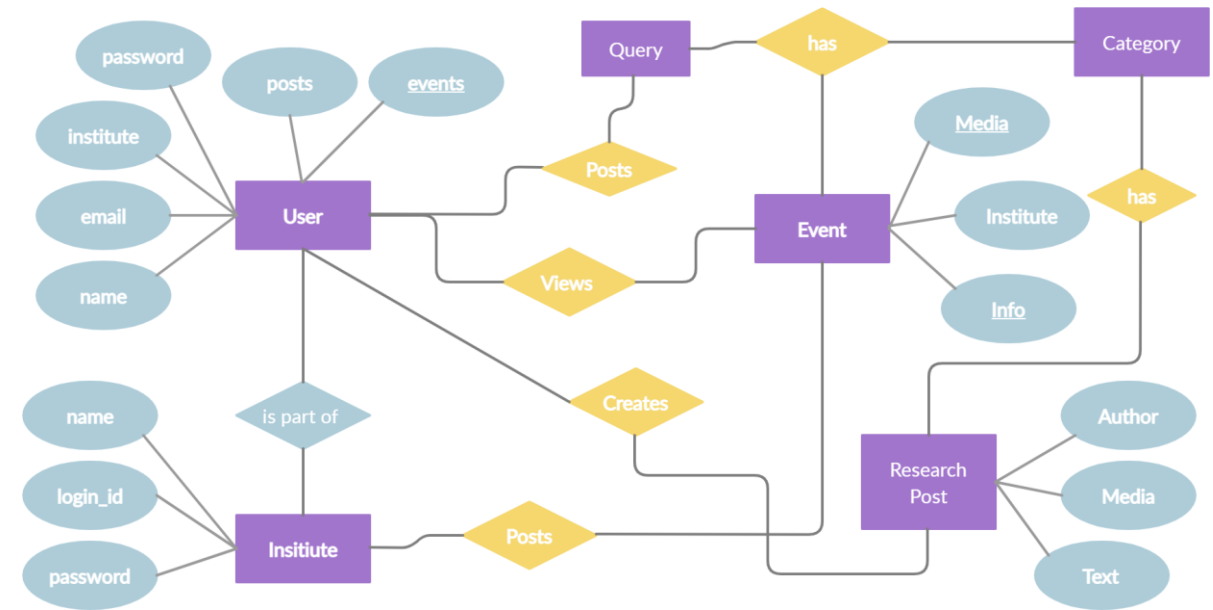


Fig. ER Diagram

Dependencies / Show stoppers

- ❖ **Compatibility:** The portal's website must be compatible with all devices & modern browsers.
- ❖ **Engagement:** A smooth UI/UX to make sure the users get the desired information effortlessly.
- ❖ **Security:** All institutes must have secure authorization credentials, so they can add new events to display.
- ❖ **Performance:** Response time to display data should be quick.

Team Member Details

Team Leader Name: Ajinkya Palaskar

Information Technology: BE

Stream (IT)

Year (IV)

Team Member 1 Name: Shreyas Bhand

Information Technology : BE

Stream (IT)

Year (IV)

Team Member 2 Name: Vaibhav Bhalerao

Information Technology : BE

Stream (IT)

Year (IV)

Team Member 3 Name: Onkar Kshirsagar

Information Technology : BE

Stream (IT)

Year (IV)

Team Member 4 Name: Shreyas Sutar

Information Technology : BE

Stream (IT)

Year (III)

Team Member 5 Name: Nisha Rodge

Information Technology : BE

Stream (IT)

Year (III)

Team Mentor 1 Name: Prof. Akash Dodke

Category: Academic

Expertise (Cloud)

Domain Experience: 5

Team Mentor 2 Name: Prof. A.N. Kalal

Category: Academic

Expertise (ML)

Domain Experience : 5