**Online Event Platform**

**Contents**

[Problem Statement: 2](#_Toc148778223)

[Features: 3](#_Toc148778224)

[Technologies 4](#_Toc148778225)

[Frontend Technology: 4](#_Toc148778226)

[Backend Technology: 4](#_Toc148778227)

[Use Case Diagram: 5](#_Toc148778228)

[Class Diagram: 7](#_Toc148778229)

[Sequence Diagram: 8](#_Toc148778230)

[1)For Student/Volunteer 8](#_Toc148778231)

[2)For Administrator 9](#_Toc148778232)

[Future Scope 10](#_Toc148778233)

[Enhanced User Experience**:** 10](#_Toc148778234)

[Mobile App Integration: 10](#_Toc148778235)

[Real-time Updates: 10](#_Toc148778236)

[Social Integration 10](#_Toc148778237)

# **Problem Statement:**

The objective of developing a dynamic website for students is to offer them a personalized and highly relevant experience. This entails tailoring the website to provide students with event information that directly aligns with their geographical location and academic interests. By customizing the content to cater to each student's unique preferences, the website not only enhances user engagement but also ensures that the information is highly pertinent to the individual, increasing the likelihood of participation in events.

Additionally, the website places a strong emphasis on delivering real-time updates. It is crucial that students have access to the most current event information, including schedules, locations, and any last-minute changes. This commitment to real-time data ensures that students remain well-informed about the latest opportunities, preventing them from missing out on valuable experiences due to outdated or inaccurate information.

To enhance the overall user experience, the website is designed with a focus on providing a seamless and intuitive interface. A user-friendly design enables students to effortlessly find and access event details, making their interactions with the platform efficient and enjoyable. A well-crafted interface not only promotes user retention but also contributes to user satisfaction, encouraging them to return to the website.

The foundation of this project is reliability and credibility. To build trust with users, the website is committed to providing accurate and trustworthy event information. Inaccuracies or outdated data can result in user frustration and a loss of trust. Therefore, maintaining the integrity of the information is paramount in ensuring that students rely on the website as a dependable source of event details.

# **Features:**

* Students will be updated about upcoming events
* Students can add events on website but with the permission of authorities
* Students can subscribe to our website and get updates from mail as well
* Students can filter out events on the basis of categories
* Featured events which are mostly booked by people are shown at front page
* Students can search events on the basis of radius as well.

# Technologies

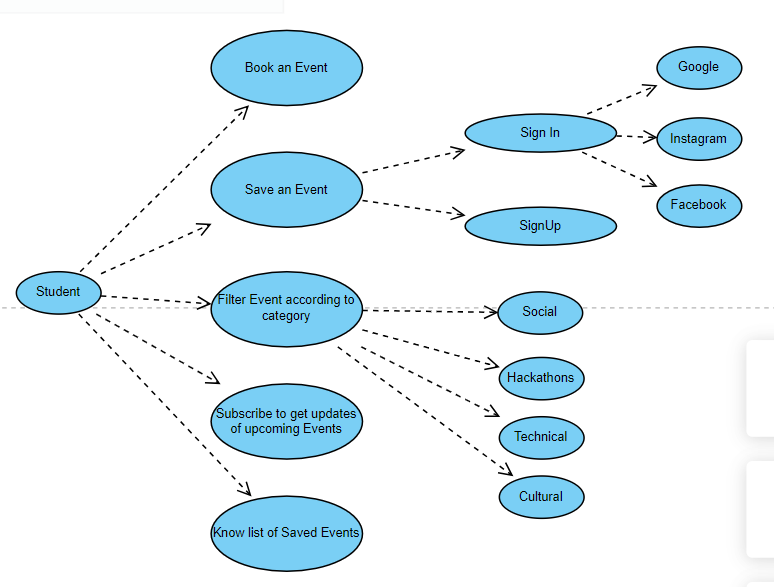
## **Frontend Technology:**

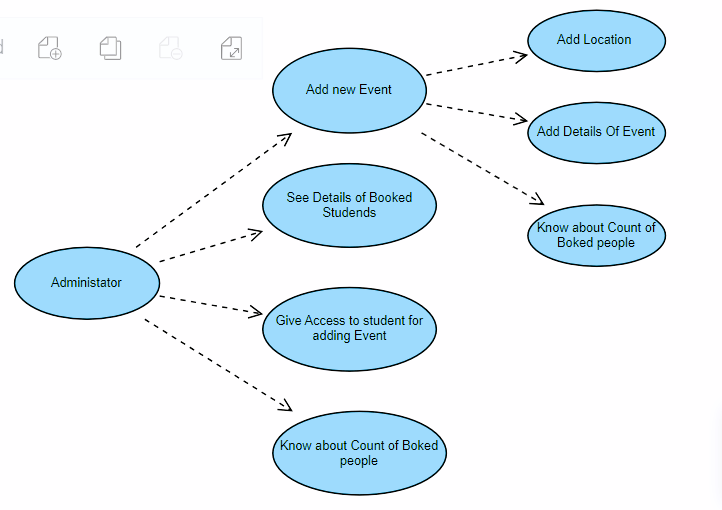
1. React js
2. Bootstrap

## **Backend Technology:**

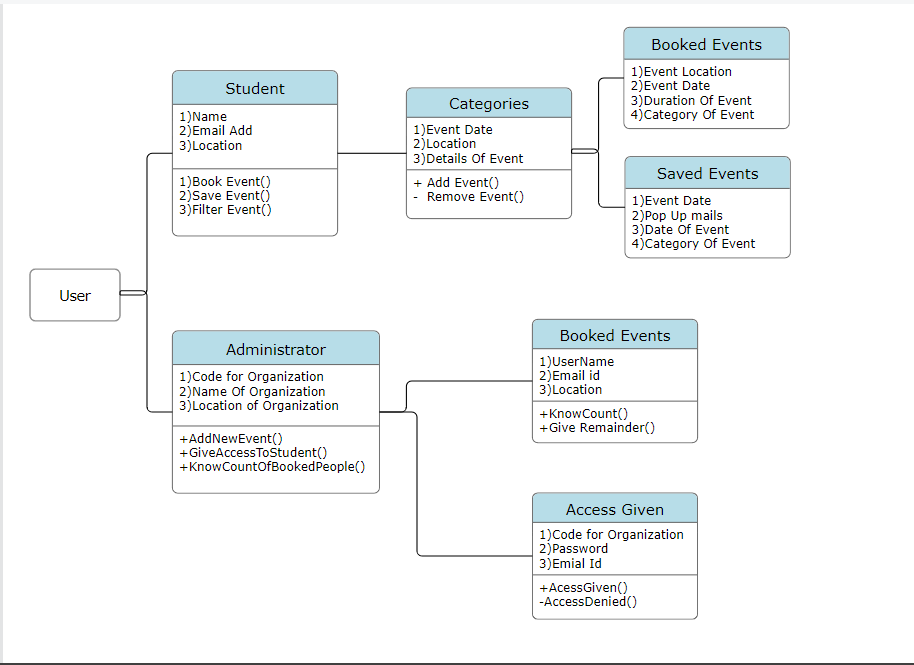
1. Firebase
2. AWS
3. Node JS

# Use Case Diagram:



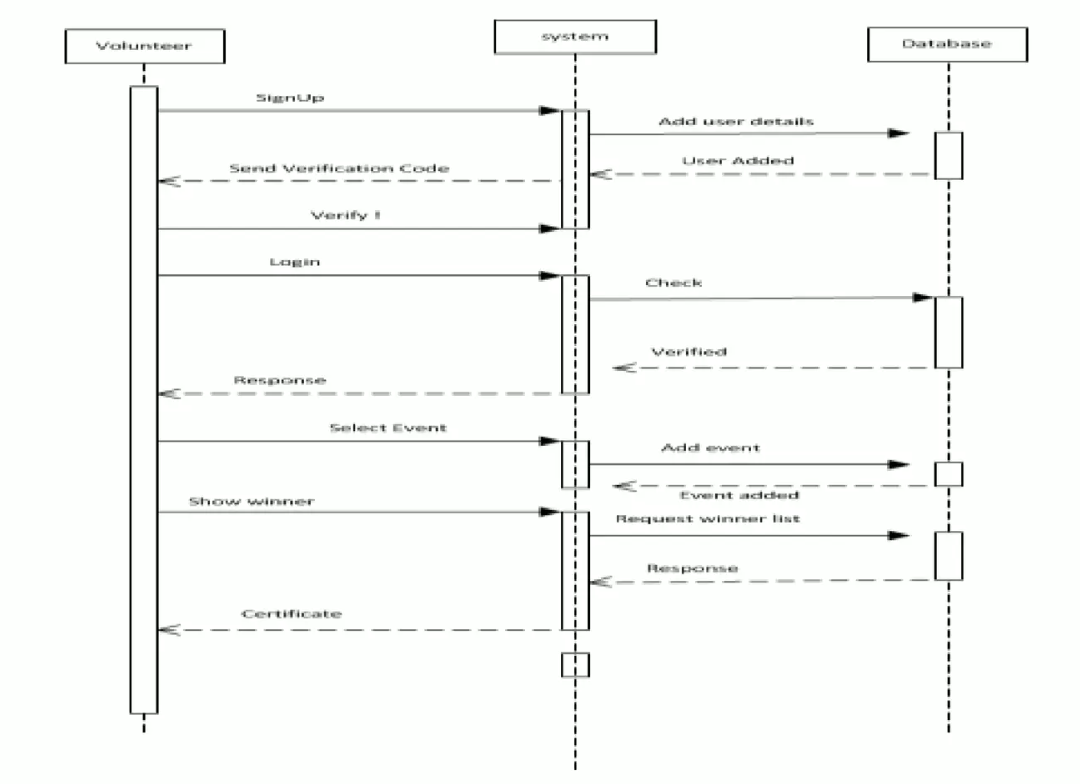


# Class Diagram:

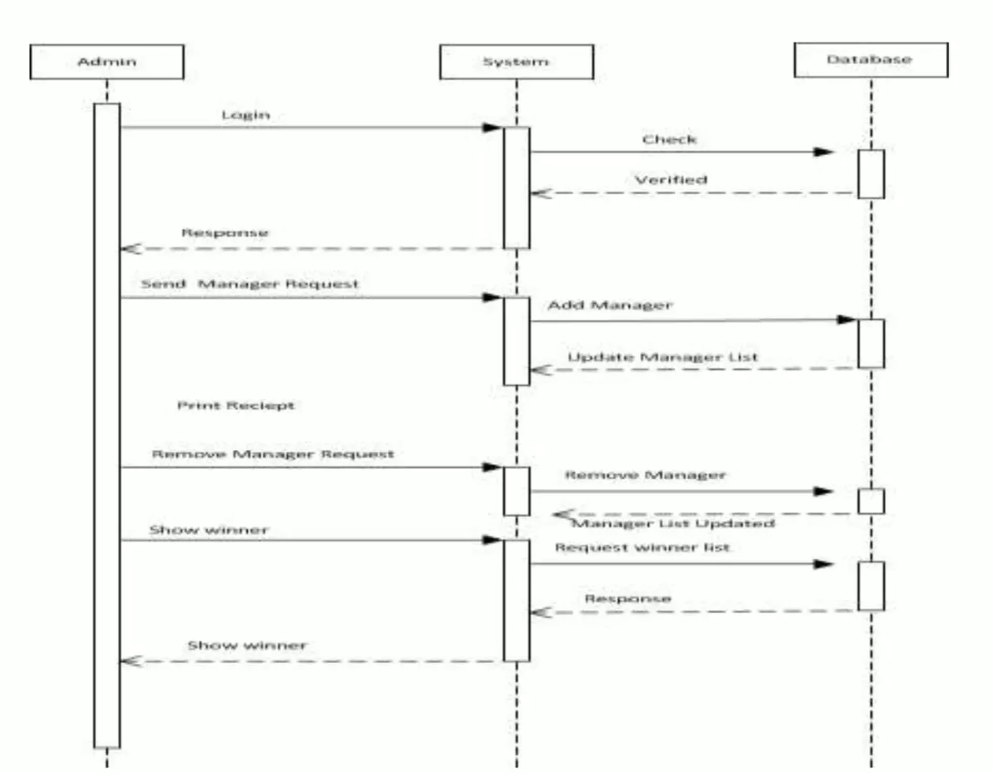


# Sequence Diagram:

## 1)For Student/Volunteer



## 2)For Administrator



# Future Scope

## Enhanced User Experience**:**

Continuously improve the website's user interface and functionality to ensure a seamless and engaging experience for users. Implement features like personalized event recommendations, interactive maps, and intuitive event filtering.

## **Mobile App Integration:**

Develop dedicated mobile apps for various platforms to expand the reach and accessibility of the website. This will allow users to stay updated on events while on the go.

## **Real-time Updates:**

Implement real-time event updates and notifications, such as push notifications, to keep users informed about last-minute changes, cancellations, or newly added events.

**Social Integration:**

Integrate social media platforms to allow users to easily share and promote events. Implement social login options to streamline registration and enhance user engagement.

Provide a comprehensive ticketing and registration system to allow event organizers to manage ticket sales and attendees. Implement secure payment gateways and QR code-based ticketing for seamless event entry.

Submitted By:

Mayuri Anil Ganore