

# INTRODUCTION

## PROJECT TITLE:

**DebateHub: Ignite Conversations, Shape Perspectives**

## PROJECT DESCRIPTION:

**DebateHub** is an interactive web application designed to foster meaningful discussions and empower users to express their views. Users can create debates with options, like and upvote others' debates, and distribute votes across options to reflect their beliefs. With its intuitive design and vibrant community, **DebateHub** turns every topic into a dynamic exchange of ideas, making it the go-to platform for sparking impactful conversations.

## TECHSTACK USED:

- **React Js** (Frontend)
- **Node Js, Express Js** (Backend)
- **MySQL** (Database)

Done By:

**Mahesh P Pai**

# USER ROLES

## 1. Create Debates

Users can initiate new debates by posing a question and providing 2 to 7 options for viewpoints.

## 2. View Debates Created by others

Users can view debates created by others.

## 3. Vote on Debates

Each user is allotted 10 votes per debate to distribute among the available options as they see fit.

## 4. Search Debates

Users can search through existing debates to explore questions, options, and live voting statistics.

## 5. Sort Debates

Users can sort debates based on total number of likes on a debate, total number of votes on a debate and also based on creation date of a debate.

## 6. Like/Dislike Debates

Users can express their agreement or disagreement with a debate question through likes or dislikes.

## 7. View Statistics

A bar graph is used to display total votes for each option on a debate question.

# Admin Roles

## 1. Suspend/Retrieve Users

Admin can suspend/retrieve users if he/she wants.

## 2. Close/Retrieve Debates

Admin can close/retrieve debates if he/she wants.

## 3. Delete/Retrieve Options

Admin is allowed to delete/retrieve options if he/she wants

## 4. Search Debates

Admin can search through existing debates to explore questions, options, and live voting statistics.

## 5. Sort Debates

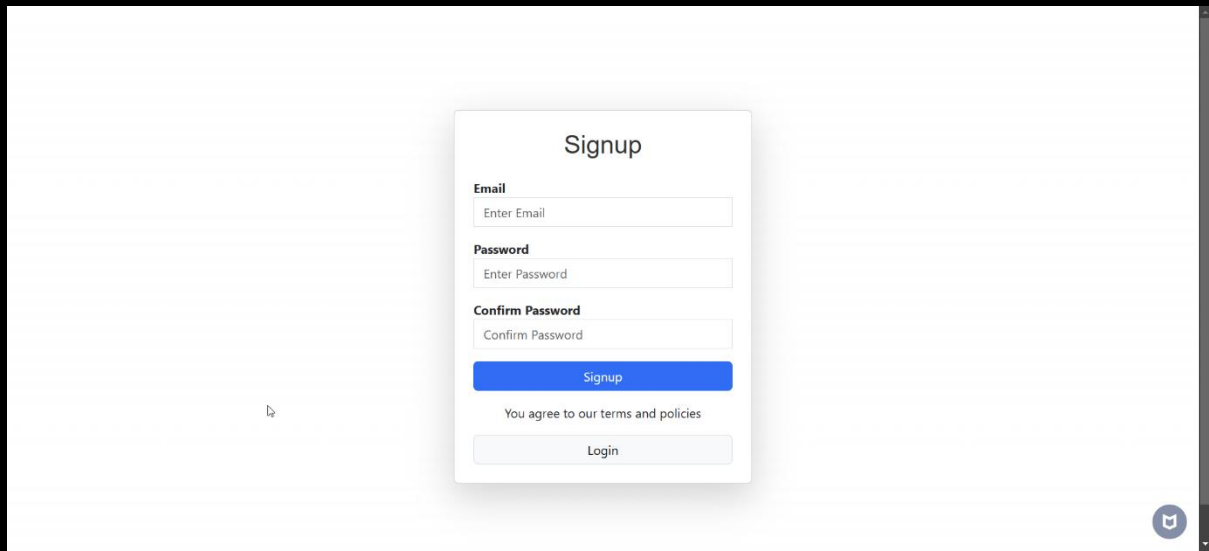
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## 6. View Statistics

A bar graph is used to display total votes for each option on a debate question.

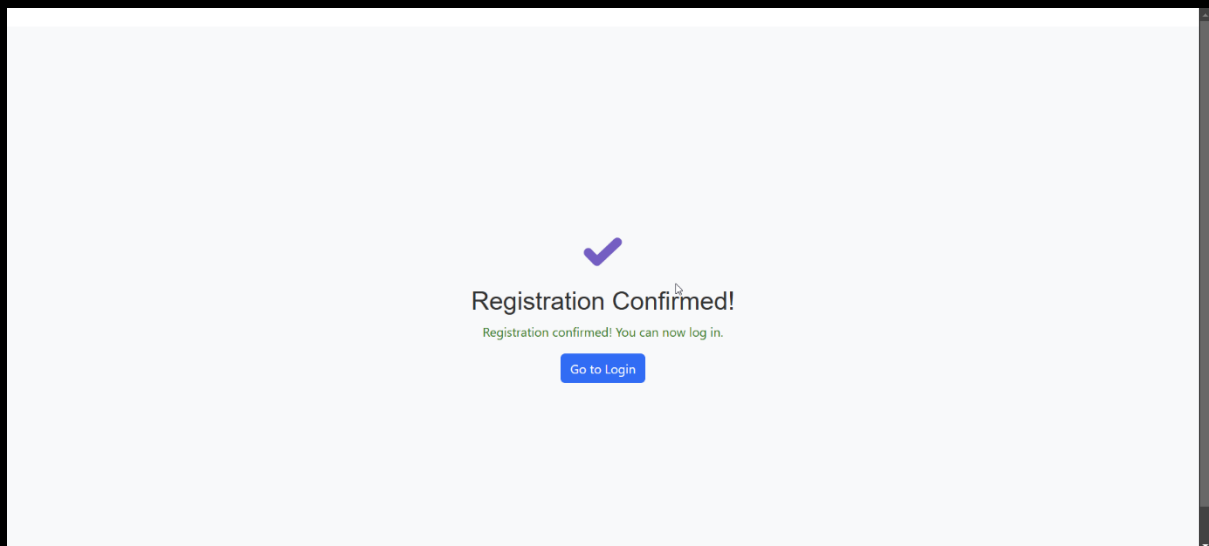
# PROJECT SCREENSHOT

Signup Page:

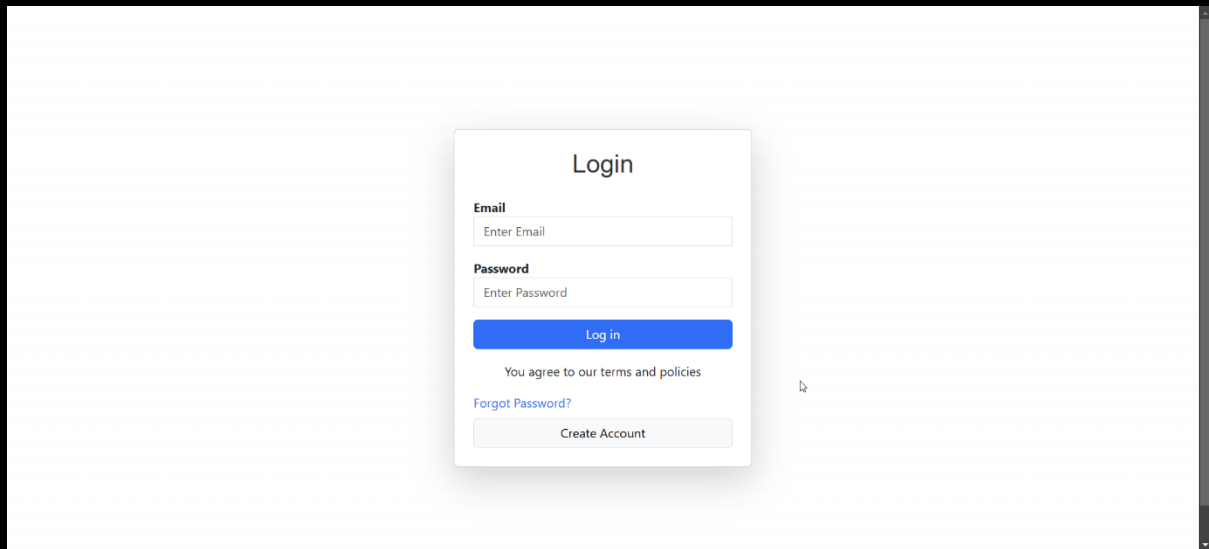


A screenshot of a web application's Signup page. The page has a light gray background. In the center, there is a white card with a subtle shadow. The card is titled "Signup" in a bold, black font. Below the title, there are three input fields: "Email" with the placeholder text "Enter Email", "Password" with the placeholder text "Enter Password", and "Confirm Password" with the placeholder text "Confirm Password". Each input field has a light gray border. Below the input fields, there is a blue button with the text "Signup" in white. Underneath the button, there is a line of text: "You agree to our terms and policies". At the bottom of the card, there is a light gray button with the text "Login". In the bottom right corner of the page, outside the card, there is a small circular icon with a white outline and a dark gray background.

Registration Confirmation Page:



## Login Page:



A login form titled "Login" is centered on a white background. It features two input fields: "Email" with the placeholder text "Enter Email" and "Password" with the placeholder text "Enter Password". Below the password field is a blue "Log in" button. Underneath the button, there is a line of text: "You agree to our terms and policies". Below this text is a blue link labeled "Forgot Password?". At the bottom of the form is a light gray button labeled "Create Account".

Login

Email  
Enter Email

Password  
Enter Password

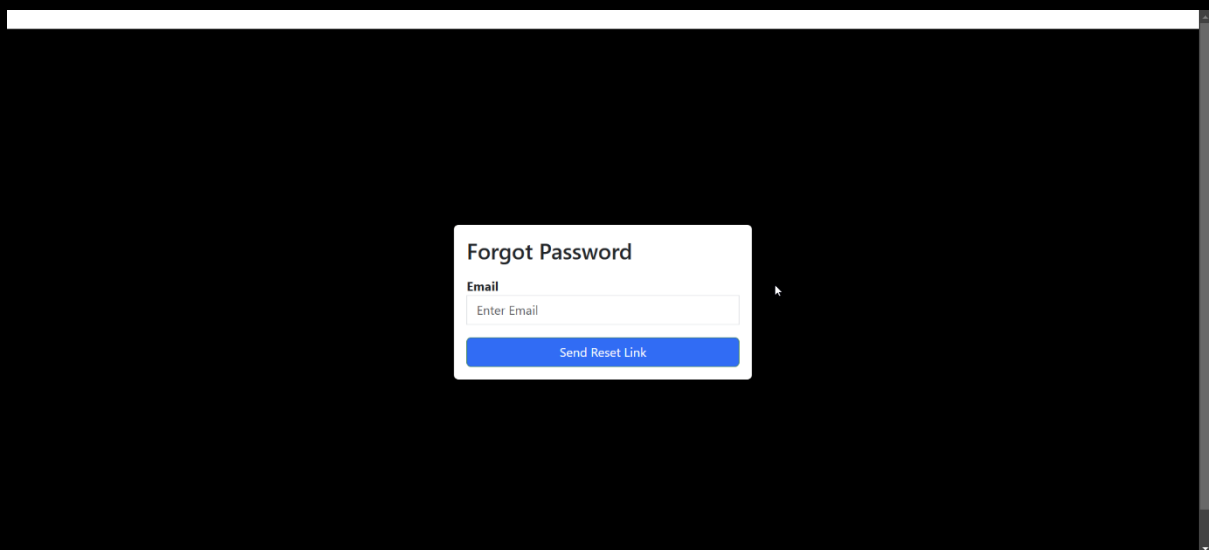
Log in

You agree to our terms and policies

[Forgot Password?](#)

Create Account

## Forgot Password Page:



A "Forgot Password" form is centered on a white background. It features a single input field labeled "Email" with the placeholder text "Enter Email". Below the input field is a blue button labeled "Send Reset Link".

Forgot Password

Email  
Enter Email

Send Reset Link

Reset Password Page:

Reset Password

New Password

Confirm Password

Reset Password

User Dashboard Page:

DebateHub

Dashboard

Debates

Logout

My Debates

Create Debate

which is the best company

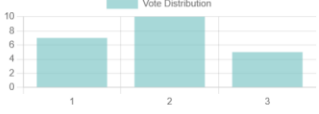
Created on: 27th December, 2024

1. Google - 7 votes

2. Infosys - 10 votes

3. Amazon - 5 votes

Vote Distribution



1 likes

Which is the best laptop

Created on: 23rd December, 2024

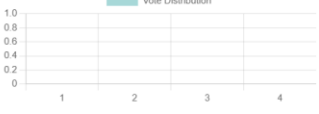
1. Apple - 0 votes

2. Acer - 0 votes

3. Lenovo - 0 votes

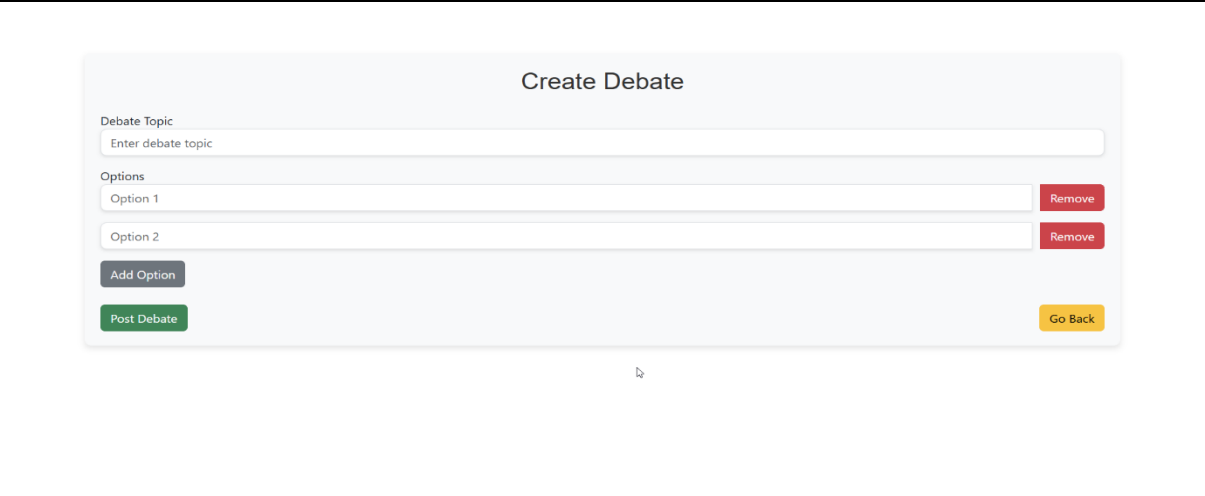
4. Asus - 0 votes

Vote Distribution

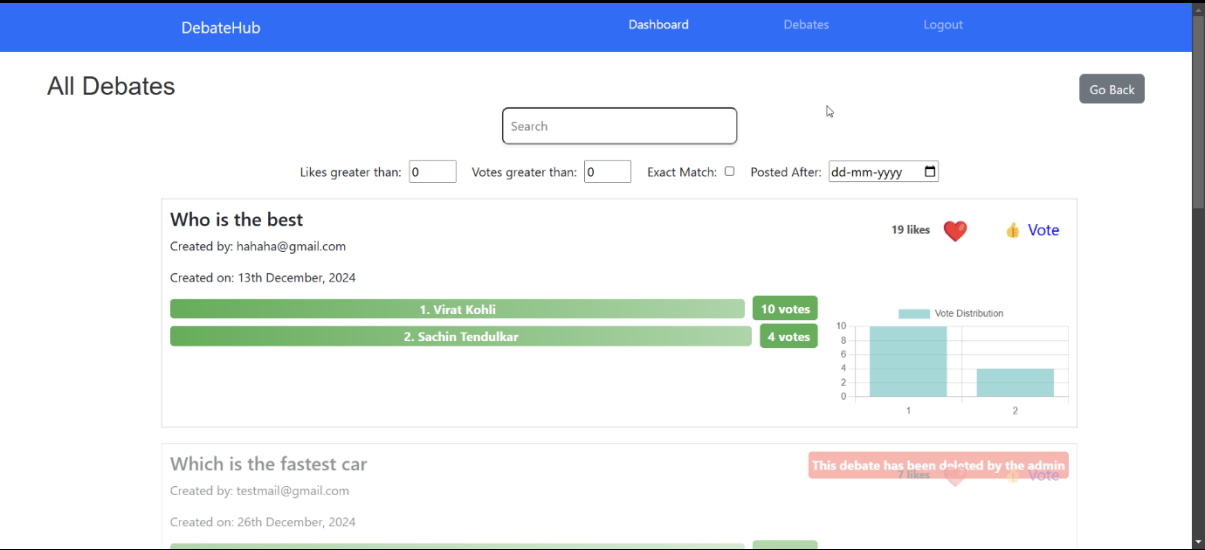


1 likes

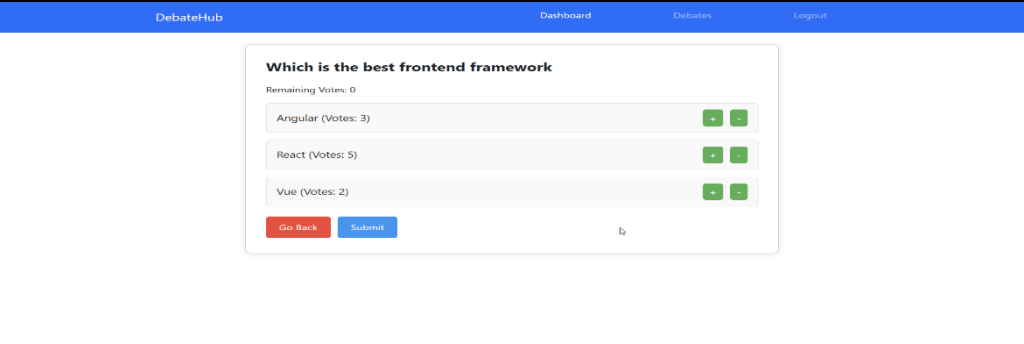
Create Debates Page:



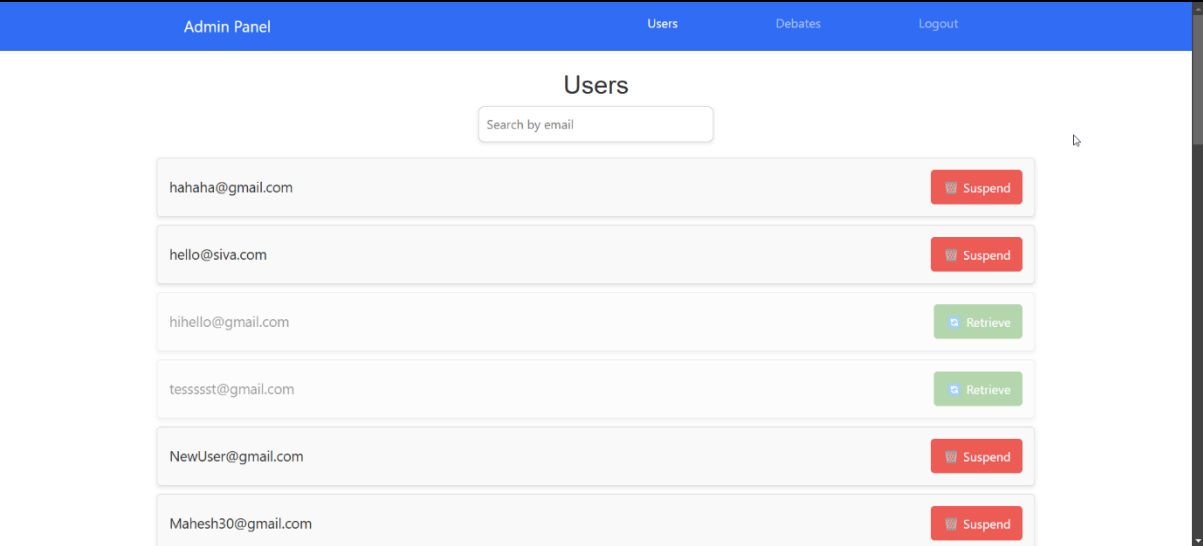
All Debates Page:



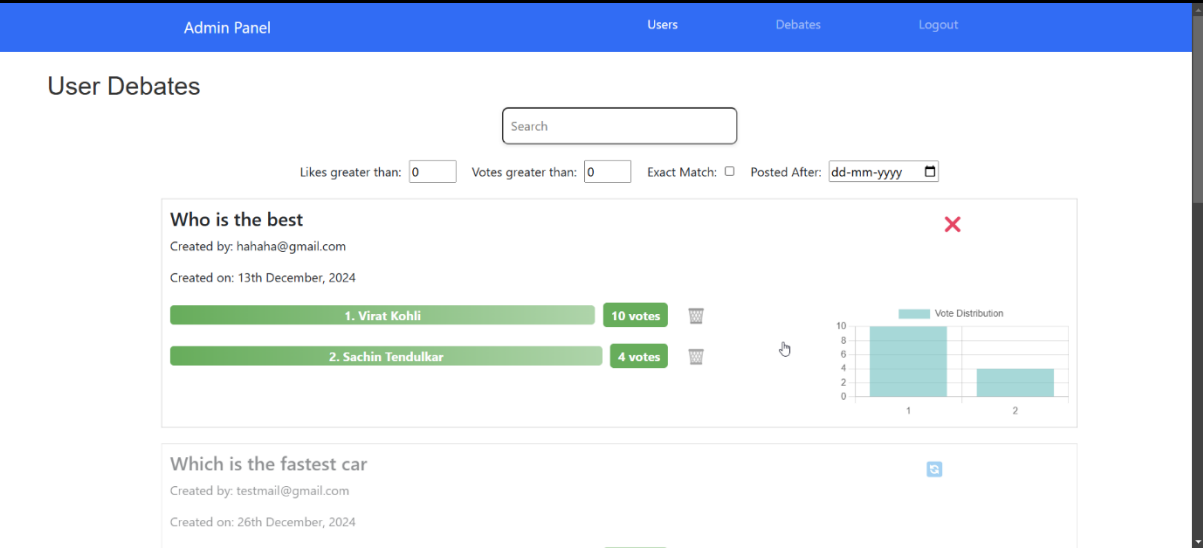
Voting Page:



Users Page:



Admin Debates Page:





## LIBRARIES USED

1. **bcryptjs**
2. **jsonwebtoken (jwt)**
3. **cors**
4. **nodemailer**
5. **body-parser**
6. **uuid**
7. **react-router-dom**
8. **axios**
9. **react-chartjs-2**
10. **chart.js**
11. **bootstrap**
12. **jwt-decode**

## CONCLUSION

**DebateHub** is more than just a platform—it's a hub for ideas, opinions, and meaningful dialogue. Every debate is an opportunity to challenge perspectives, explore new viewpoints, and make your voice count. Whether you're starting a debate, casting your votes, or analyzing the stats, you're contributing to a dynamic community that values expression and understanding.

Here, your voice isn't just heard—it sparks conversations, inspires change, and drives progress. So, dive into the world of debates,

where ideas collide, perspectives grow, and the journey to better understanding begins.

*Let your voice shape the conversation. Let your ideas shape the future.*

THANK

YOU