**DEBATEHUB** A platform for Nuanced Discussions

**Project statement**: DebateHub is a web application designed to facilitate engaging and meaningful discussions among users on various topics. Users can create debates, express opinions, and interact with others' viewpoints through features like voting and graphical visualization of results. Administrators manage the platform, ensuring debates are moderated and relevant.

**Features**

**1.Debate Creation**:

* + Users can initiate a debate by posting a question with 2–7 options (viewpoints).
  + Debates are open for community engagement through voting and liking/disliking.

**2.Voting System**:

* + Each user has 10 votes to distribute among the available options in a debate.
  + Votes are visualized using graphical charts to display distribution.

**3.Search and Interaction:**

* + Debates are searchable, with options for filtering and sorting.
  + Users can view detailed statistics on debates, including votes and likes/dislikes.

**4.Moderation and Administration:**

* Admins have exclusive rights to close debates, moderate users, and manage debate content.
* They can perform actions like soft deletion of debates or options.

**5.User Roles**:

Two roles exist: Regular Users and Admin Users, each with specific permissions dashboards.

**Modules**

The project is divided into three main modules:

**1.User Management:**

* + Site structure and navigation setup.
  + Login, registration, and role-based sign-in (Users vs. Admins).
  + Database integration with backend support.

**2.Debates and Options Management:**

* + Creation and search of debates with filtering and sorting.
  + Detailed debate views displaying options and current voting status.

**3.Voting, Social Features, and Administration:**

* + Voting functionality for users.
  + Admin dashboard to moderate users and debates.
  + Social features like upvoting/downvoting debates.

**Outcomes:**

* An interactive platform for structured and engaging debates.
* Statistical insights into debates, promoting informed discussions.
* Effective user and debate management via administrative tools.