# **SocioSphere: Bringing University Student Societies on One Platform**

**SocioSphere** is a MERN-stack-based web application that connects university student societies on a unified platform. It empowers students to explore societies, and positions, and collaborate seamlessly while providing society administrators with tools to manage memberships, events, and feedback effectively.

## **Features**

* **Unified Event Calendar**:  
  A centralized calendar with upcoming events.
* **Real-Time Chatrooms**:  
  Society-dedicated spaces for discussions and collaborations.
* **Membership Application Tracker**:  
  End-to-end tracking for society applications.
* **Personal Dashboard**:  
  Showcases memberships and society details.
* **Search Functionality**:  
  Easy-to-use search for societies, events, and fellow students.
* **User Notifications**:  
  Alerts for important updates and changes.

## **How to Use**

1. **Register/Login**:  
   Register or log in as a university student or society administrator.
2. **Explore**:  
   Browse societies, events, and positions based on your interests.
3. **Engage**:  
   Join societies, track membership applications, and access event details.
4. **Collaborate**:  
   Use real-time chat for discussions and manage profiles via a personal dashboard.

**Installation and Setup**

### **Prerequisites**

* Ensure Node.js and npm are installed.
* MongoDB server running locally or on a cloud platform.

### **Steps:**

**Clone the Repository**:  
git clone https://github.com/<your-username>/SocioSphere.git

cd SocioSphere

**Backend Setup**: Navigate to the backend directory and install dependencies:  
cd backend

npm install

Create a .env file and add the following:  
makefile  
JWT\_TOKEN=<your\_secret\_jwt\_token>

Start the backend server:  
node index.js

**Frontend Setup**: Navigate to the frontend directory and install dependencies:  
cd ../frontend

npm install

Start the development server:  
npm start

## **Tech Stack**

* **Frontend**: React.js
* **Backend**: Node.js, Express.js
* **Database**: MongoDB
* **Authentication**: JWT