

# Project Report CSOE23 - Web Technology

## Team Members -

Chirag Bhatia - 114120030  
Siddhesh Gaikwad - 114120100  
Karan Dhingra - 111120067  
Tejas Ramteke - 114120088

## Project Report:

Team and Poll Creation Website

## Introduction:

The purpose of this project was to develop a website that allows users to create teams and polls within those teams. The website provides users with a user-friendly interface for team and poll creation, with a database to store user and poll information. The website was developed using Node.js, MongoDB, and EJS.

## Objectives:

The main objectives of this project were to provide users with a user-friendly interface for creating and managing teams and polls, allow users to add and remove team members and assign roles to team members, and provide users with the ability to create and manage polls within their teams.

## Challenges:

The development of the project posed several challenges. Two of the significant challenges were:

- Schema selection: One of the primary challenges was deciding on the schema for user and poll management. We needed to ensure that the schema was flexible, efficient, and scalable enough. We chose MongoDB, which provided us with a scalable data model that could easily accommodate new data.
- Responsive UI: Another significant challenge was designing a responsive UI that could adapt to different screen sizes and devices. We wanted to ensure that the website was legible, easy to navigate, and accessible to all users, regardless of their device. We overcame this by incorporating responsive design principles and testing the website on various devices to ensure it functioned as intended.

**Conclusion:**

Despite the challenges we encountered during the development of the project, we overcame them through teamwork, testing, and iteration. The website achieved its primary objectives of providing a user-friendly interface for creating and managing teams and polls. The project emphasized the importance of careful planning, selecting appropriate technologies, and testing to ensure that the website meets users' needs and requirements, while also providing an optimal user experience.