

# Title: MERN Stack Survey Form Submission and Deployment

**Objective:** Create a survey form submission application using the MERN stack that allows users to submit required information. Additionally, deploy the application online to a server.

## Requirements:

### 1. Backend (Node.js, Express, MongoDB):

- Set up a Node.js and Express server.
- Use MongoDB to store survey form submissions.
- Implement RESTful API endpoints for handling surveys form submissions.

### 2. Frontend (React):

- Develop a React application to interact with the backend.
- Design a survey form with fields such as name, gender, nationality, email, phone number, address, and message.
- Implement form submission functionality, storing the data in the MongoDB database.
- Design a page to view the data from a list of previous survey form submissions.
- Allow admin to have a login access to view the data from a list of previous survey form submissions.

### 3. Deployment:

- Deploy the application online using a platform of your choice (e.g., Heroku, AWS, or any other).
- Provide clear instructions on how to access the deployed application.

### 4. User Interface:

- Design a user-friendly interface for the survey form.
- Provide feedback to users upon successful form submission.
- Use a responsive design to ensure usability on various devices.

## Bonus Points (Optional):

- Implement validation for form fields.
- Add basic anti-spam measures to the survey form.
- Include user notifications for form submission status.
- Having a good frontend design.

## Submission:

- Share the source code via a GitHub repository.
- Provide documentation, including clear instructions for setting up the application locally and accessing the deployed version.
- Include any additional notes about design decisions or challenges faced during development.