SOFTWARE REQUIREMENT SPECIFICATION

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Seat No	270
Project ID	30
Project Title	Industry Relation Programme

Technical Components

COMPONENT	TECH STACK
Frontend	React
Backend	Node.js with Express.js
Database	MongoDB
API	Open API

1.Introduction

1.1. Purpose:

This document outlines the Software Requirements Specification (SRS) for the Industry Relations Program (IRP) Management System. The system aims to streamline the management of industry relations activities at your college by centralizing the storage and retrieval of data pertaining to industry personnel visiting the college for events and college faculty visits.

1.2. Scope:

Creating a dashboard for the system. A dashboard would likely provide an overview of key data and functionalities, such as a summary of industry visits, faculty visits, search and filtering options, and actions for admins like adding or editing entries.

- **User Management:**
  Admin users (IIPC members) will have the ability to manage accounts, create, update, and delete data.

- **Industry Person Details**:
  This includes information such as name, email, phone number, alumni status, and industry affiliation details like company name and address and coordinator details like name, phone number, email.

- **Event/Visit Details:**
  Information related to events and visits, such as event/visit type and date.

- **College Faculty Visit Details:**
  Details of college faculty visits, including faculty name, email, phone number, date of visit, and type of visit.

- **Search and Filtering:**
  Users will be able to search by name, filter by multiple criteria, and utilize date range filtering for efficient data retrieval.

1.2. Intended Users:

- Admin users (IIPC members) are the primary users responsible for creating, updating, and deleting data within the system.

2. Functional Requirements

2.1. User Management:

Admin Users(IIPC members) should be able to:

- Register, log in, and manage their accounts.
- Create, update, and delete user accounts.

2.2. Industry Person Details:

- Fields for industry person information like name, email, phone number, and alumni status.
- Fields for industry affiliation details such as company name and address.
- Fields for event/visit details including date and type.

2.3. College Faculty Visit Details:

- Fields for faculty details including name, email, and phone number.
- Fields for event/visit details such as date and type.

2.4. Search and Filtering:

- Comprehensive search functionality by name.
- Date range filtering for efficient data retrieval.

3. Non-Functional Requirements

3.1. Security:

- Secure user authentication and authorization mechanisms should be implemented.

3.2. Performance:

- Ensure efficient data retrieval and response times.

3.3. Usability:

- Provide intuitive search and filtering options for user convenience.

3.4. Accessibility:

- Adhere to accessibility guidelines to ensure usability for users with disabilities.

4.Features

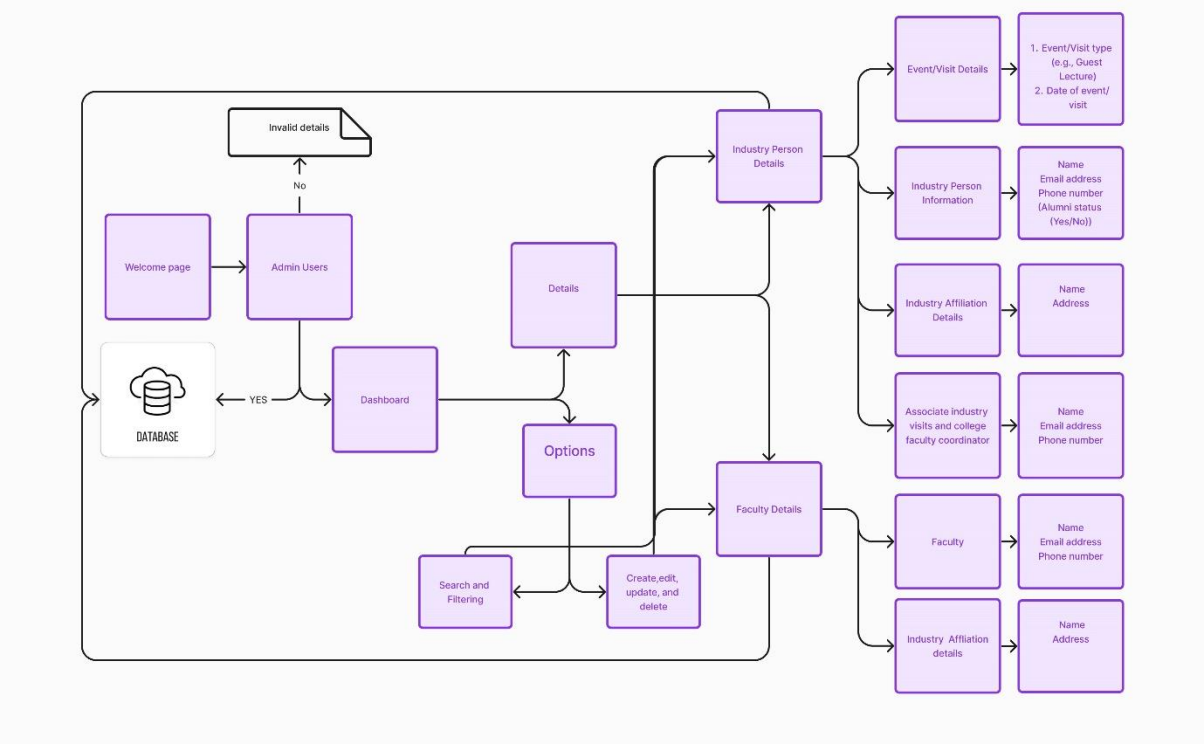
4.1. Searching and Filtering:

- Advanced filtering capabilities, allowing users to filter by multiple criteria (name, industry, visit date).
- Date range filtering for efficient data retrieval.

4.2. Users (IIPC members)

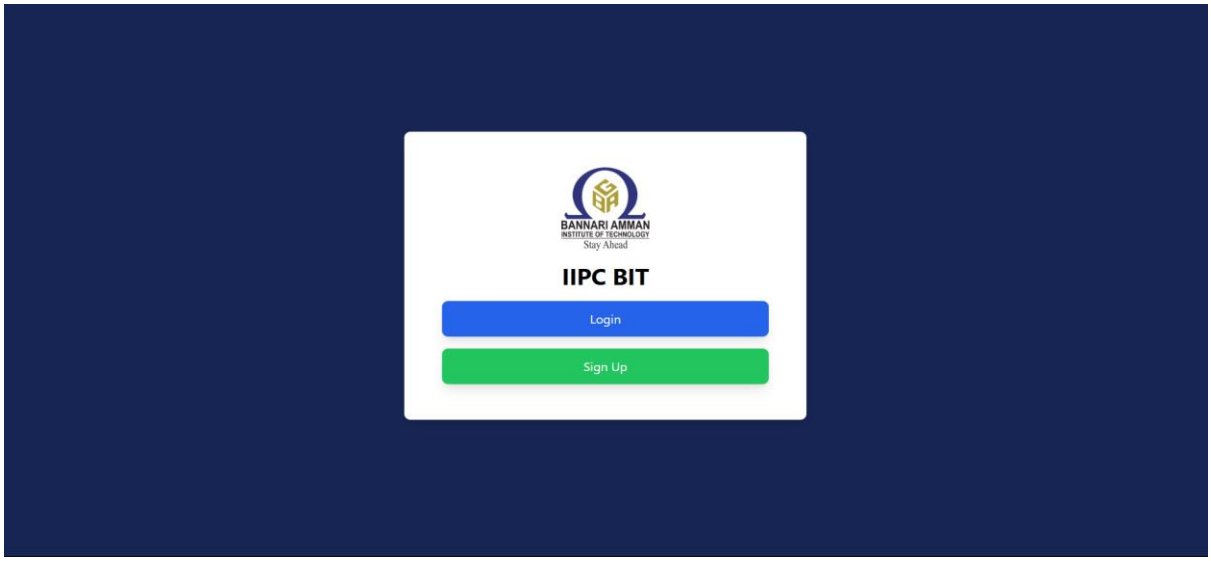
- Create, update, and delete the entry in the dashboard.

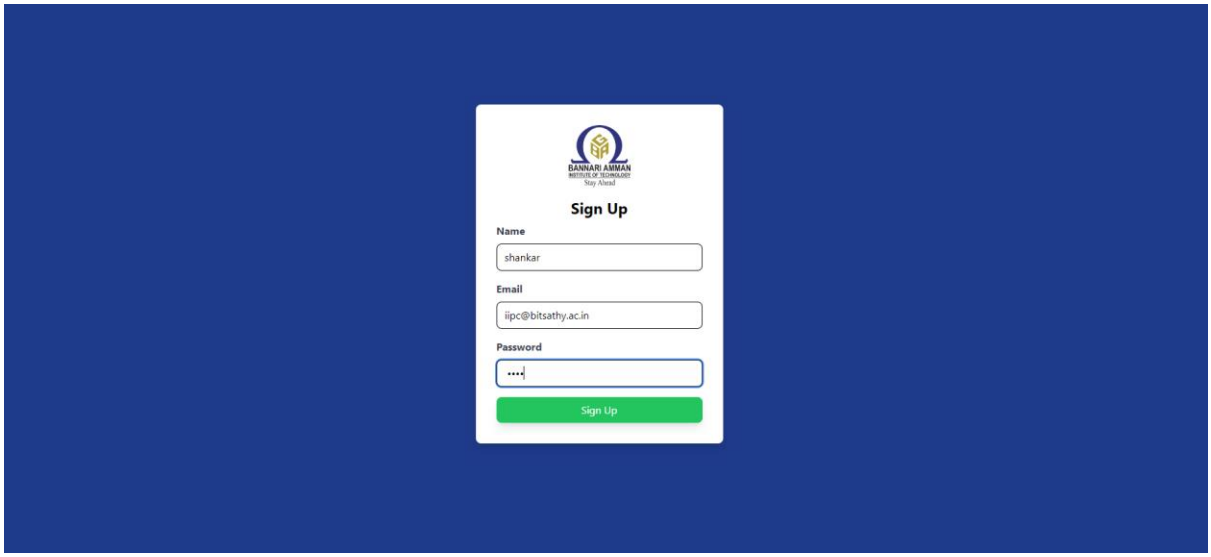
5.Flowchart

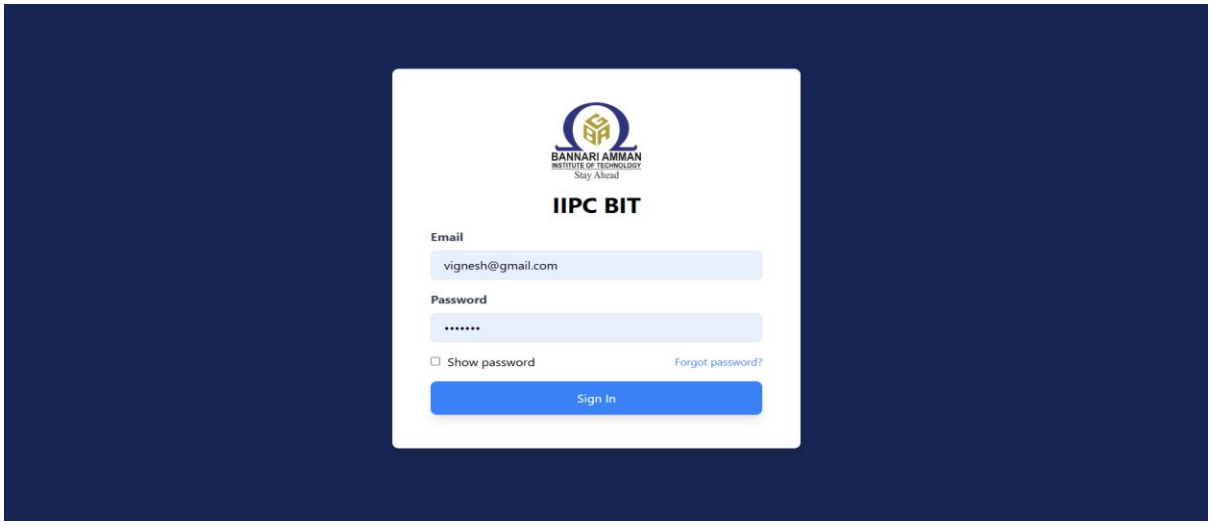


6.Prototype

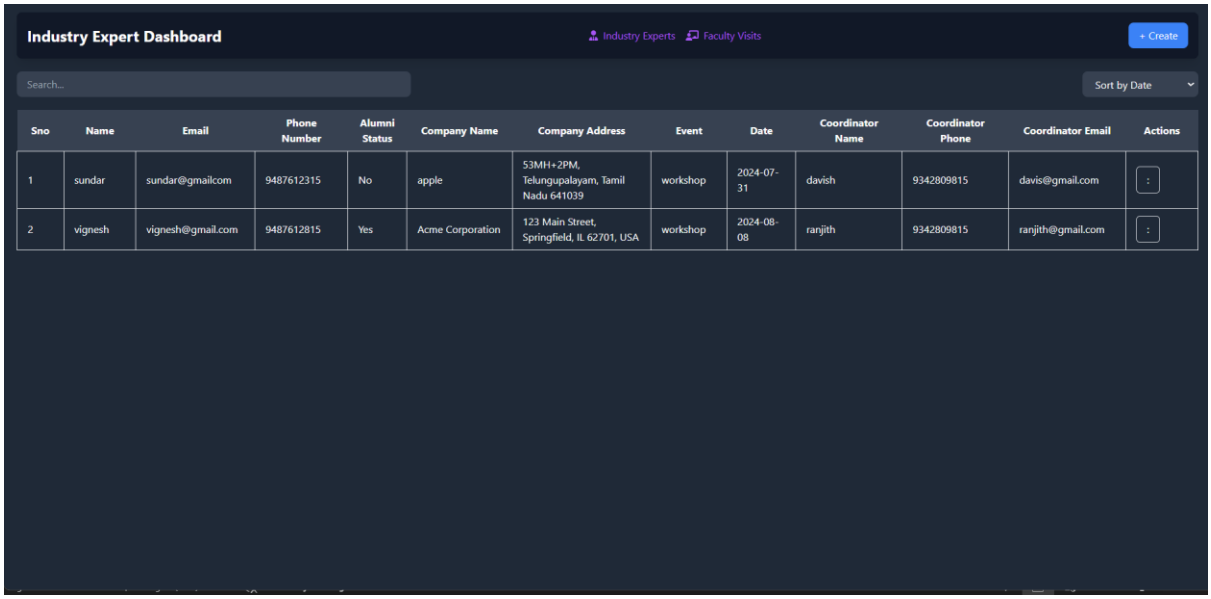
6.1 Login page:





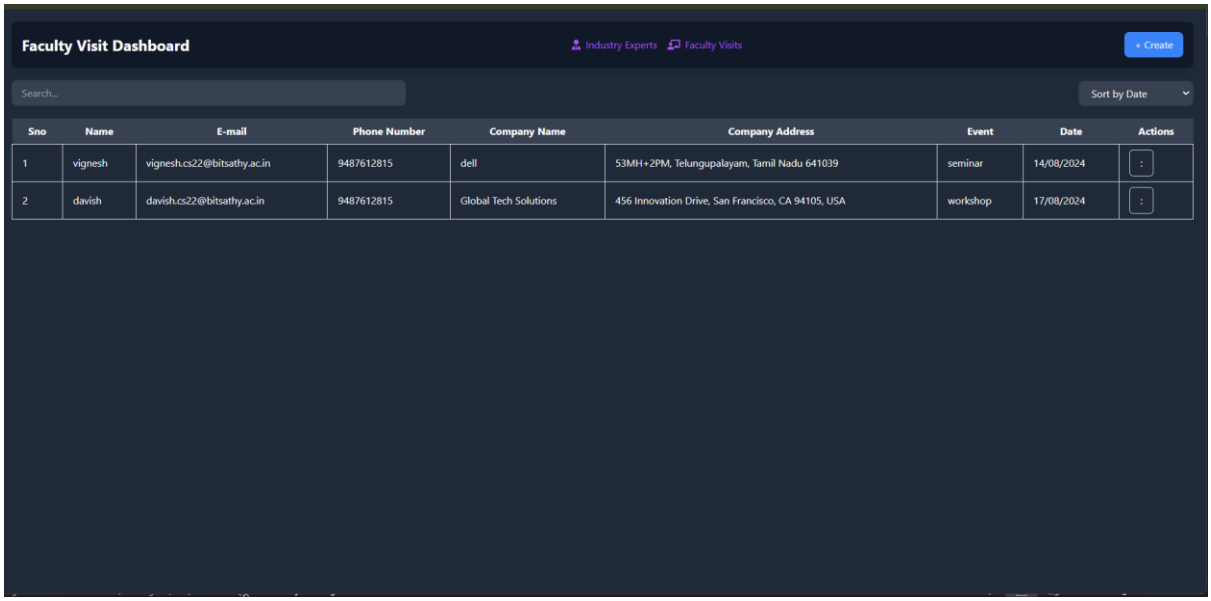


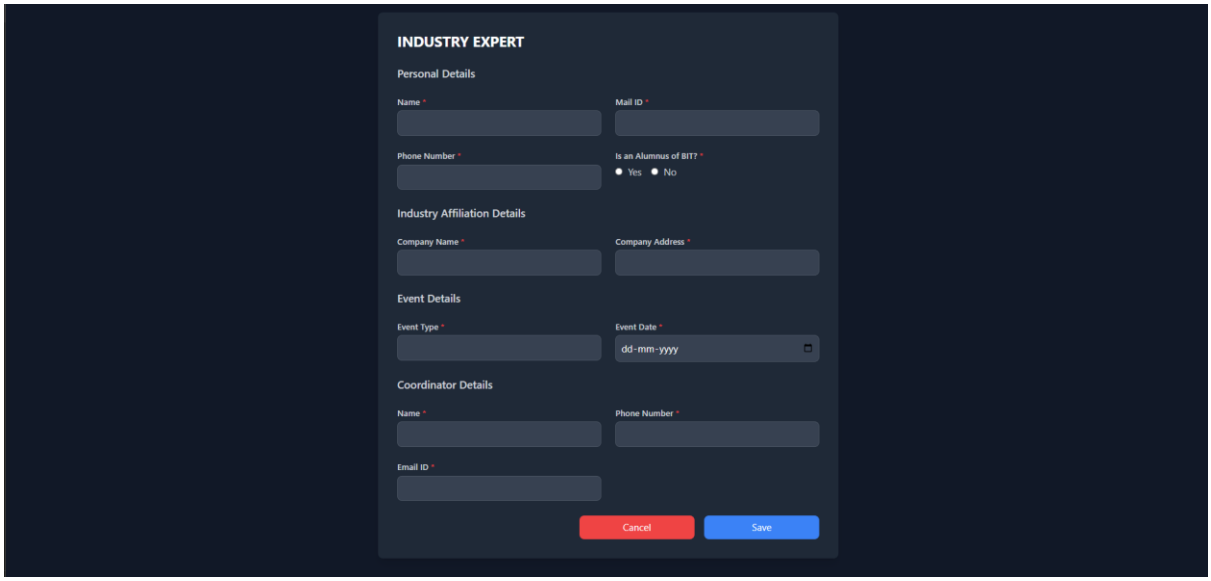
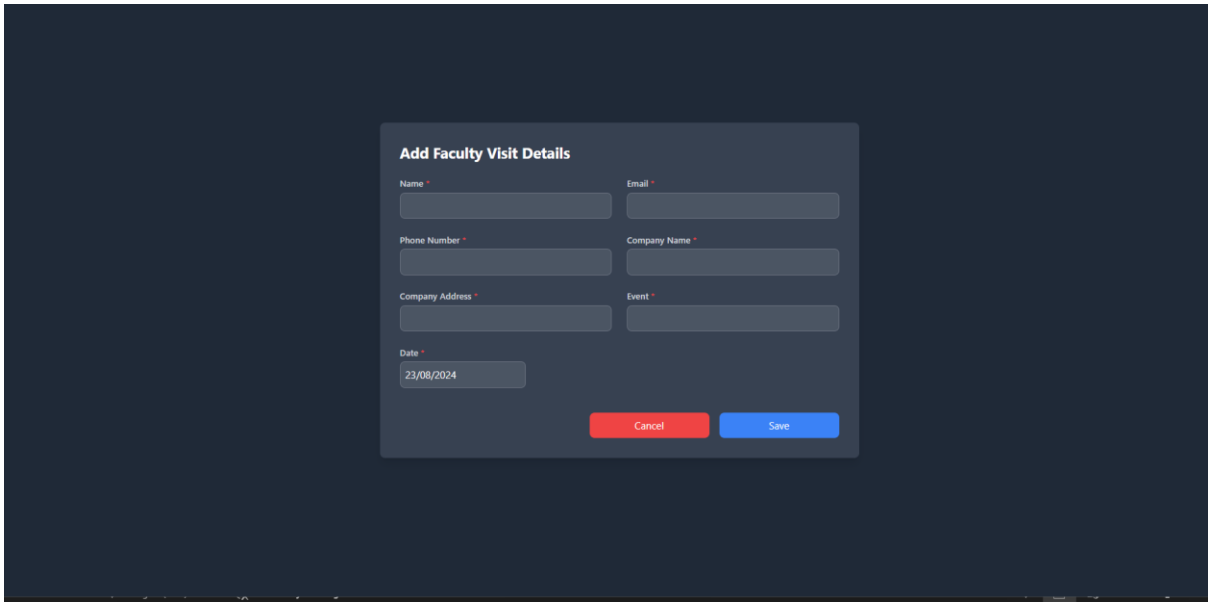
6. 2. Industry Experts Dashboard



Sno	Name	Email	Phone Number	Alumni Status	Company Name	Company Address	Event	Date	Coordinator Name	Coordinator Phone	Coordinator Email	Actions
1	sundar	sundar@gmailcom	9487612315	No	apple	53MH+2PM, Telungupalayam, Tamil Nadu 641039	workshop	2024-07-31	davish	9342809815	davis@gmail.com	:
2	vignesh	vignesh@gmail.com	9487612815	Yes	Acme Corporation	123 Main Street, Springfield, IL 62701, USA	workshop	2024-08-08	ranjith	9342809815	ranjith@gmail.com	:

6.3. Faculty Visits Dashboard



Sno	Name	E-mail	Phone Number	Company Name	Company Address	Event	Date	Actions
1	vignesh	vignesh.cs22@bitsathy.ac.in	9487612815	dell	53MH+2PM, Telungupalayam, Tamil Nadu 641039	seminar	14/08/2024	:
2	davish	davish.cs22@bitsathy.ac.in	9487612815	Global Tech Solutions	456 Innovation Drive, San Francisco, CA 94105, USA	workshop	17/08/2024	:

6.4 Edit and Add