

SOFTWARE REQUIREMENT SPECIFICATION

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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 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

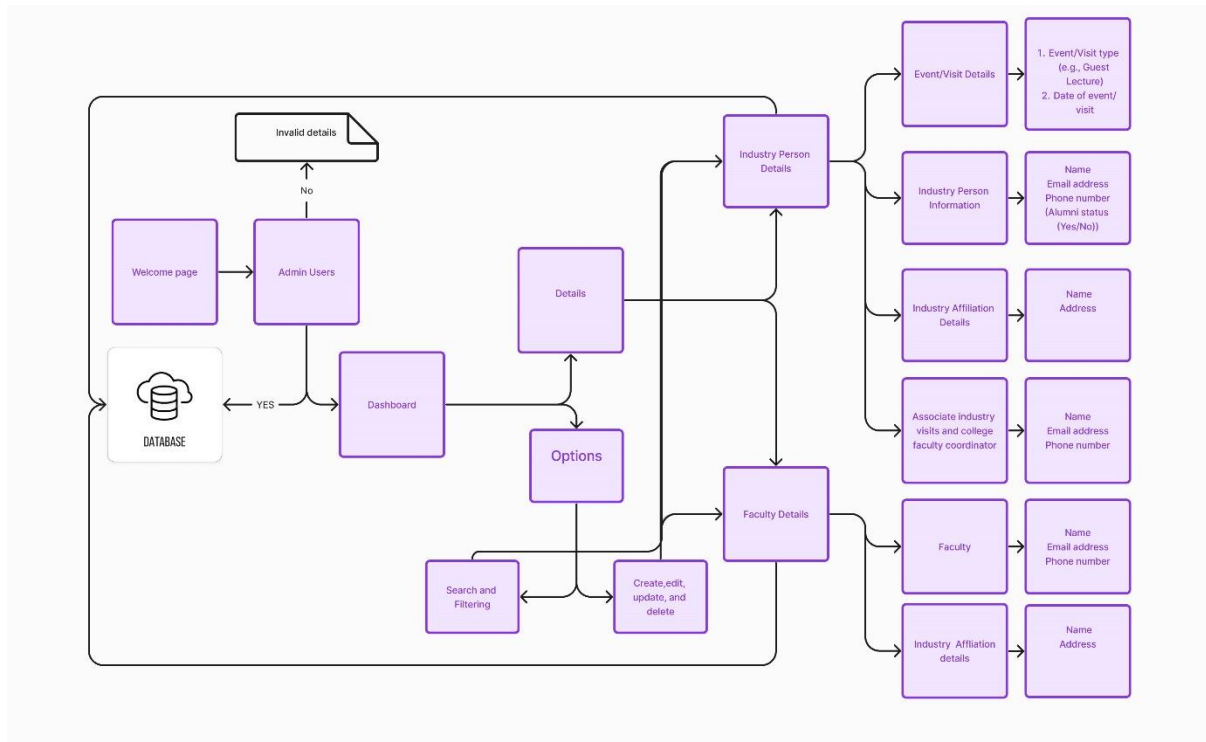
4.1. Searching and Filtering:

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

4.2. Users (Admin)

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

5.Flowchart



6.Prototype

6.1 Login page:

The login page features the Bannari Amman Institute of Technology logo at the top, with the tagline 'Stay Ahead'. Below the logo, there are input fields for 'Email' and 'Password', both marked with a red asterisk. A 'Show password' link and a 'Forgot password?' link are located below the password field. At the bottom, there are two buttons: 'Sign In' and 'Google Sign In'.

Old
Recent

6. 2. Industry Experts Dashboard

DASHBOARD

Industry Experts

Faculty Visits

user logo

Industry Expert Dashboard

Search...

Sort By: Recent

+ Create

Share Download

Sno	Name	E-mail	Phone number	Alumini Status	Company Name	Company Address	Event	Date	Coordinator Name	Coordinator Phone Number	Coordinator E-mail	
1	Bessie Cooper	tanya.hill@example.com	(308) 555-0121	No	IBM	2972 Westheimer Rd. Illinois 85486	Training	4/4/18	Judith	(229) 555-0109	papathan@yahoo.co	
2	Guy Hawkins	michael@example.com	(207) 555-0119	No	Mitsubishi	2118 Thorndridge Cir. Connecticut	Training	5/27/15	Bessie	(239) 555-0108	shawnce@att.net	
3	Kristin Watson	dolores@example.com	(239) 555-0108	No	McDonald's	4517 Washington, Kentucky 39495	Workshop	5/19/12	Jane	(217) 555-0113	jeffcoovey@hotmail.com	
4	Jenny Wilson	deanna@example.com	(209) 555-0104	No	The Walt Disney	3517W.Gray St. Utica, 57867	Workshop	6/21/19	Connie	(303) 555-0105	hwestlii@outlook.com	
5	Devon Lane	michel@example.com	(205) 555-0100	Yes	MasterCard	6391 St.Celina, Delaware	Training	2/11/12	Kathryn	(406) 555-0120	tkrotchko@yahoo.ca	
6	Kristin Watson	alma@example.com	(406) 555-0120	No	eBay	190, Hawaii 81063	Workshop	7/11/19	Darlene	(603) 555-0123	wenzlaff@mac.com	Edit Delete Share Download
7	Bessie Cooper	kenzi@example.com	(603) 555-0123	Yes	Bank of America	4140 Parker, New Mexico 31134	Training	6/19/14	Serenity	(671) 555-0110	adamk@me.com	
8	Albert Flores	willie@example.com	(405) 555-0128	No	Pizza Hut	389Dr. Ram 62639	Workshop	12/4/17	Dianne	(308) 555-0122	raines@live.com	
9	Kristin Watson	nevaeh@example.com	(225) 555-0118	No	Gillette	2464 Royal Ln. Mesa,2323	Training	3/4/16	Aubrey	(480) 555-0103	oevens@icloud.com	
10	Bessie Cooper	debra@example.com	(307) 555-0133	No	Gillette	2715 Dr. San, South Dakota 83475	Workshop	1/28/17	Bessie	(405) 555-0128	hmband@me.com	

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6.3. Faculty Visits Dashboard

DASHBOARD

Industry Experts

Faculty Visits

user logo

Faculty Visit Dashboard

Search...

Sort By: Recent

+ Create

Sno	Name	E-mail	Phone number	Company Name	Company Address	Event	Date	
1	Bessie Cooper	tanya.hill@example.com	(308) 555-0121	IBM	2972 Westheimer Rd. Illinois 85486	Training	4/4/18	
2	Guy Hawkins	michael@example.com	(207) 555-0119	Mitsubishi	2118 Thorndridge Cir. Connecticut	Training	5/27/15	
3	Kristin Watson	dolores@example.com	(239) 555-0108	McDonald's	4517 Washington, Kentucky 39495	Workshop	5/19/12	
4	Jenny Wilson	deanna@example.com	(209) 555-0104	The Walt Disney	3517W.Gray St. Utica, 57867	Workshop	6/21/19	
5	Devon Lane	michel@example.com	(205) 555-0100	MasterCard	6391 St.Celina, Delaware	Training	2/11/12	
6	Kristin Watson	alma@example.com	(406) 555-0120	eBay	190, Hawaii 81063	Workshop	7/11/19	
7	Bessie Cooper	kenzi@example.com	(603) 555-0123	Bank of America	4140 Parker, New Mexico 31134	Training	6/19/14	
8	Albert Flores	willie@example.com	(405) 555-0128	Pizza Hut	389Dr. Ram 62639	Workshop	12/4/17	
9	Kristin Watson	nevaeh@example.com	(225) 555-0118	Gillette	2464 Royal Ln. Mesa,2323	Training	3/4/16	
10	Bessie Cooper	debra@example.com	(307) 555-0133	Gillette	2715 Dr. San, South Dakota 83475	Workshop	1/28/17	

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6.4 Edit and Add

INDUSTRY EXPERT

user logo

Personal Details

Name *

Mail ID *

Phone Number *

Is an Alumnus of BIT? *

☐ Yes

☐ No

Industry Affiliation Details

Company Name *

Company Address *

Event Details

Type of Event *

Date *

DD/MM/YYYY

Event Coordinator Name *

Event Coordinator Phonenumber *

Event Coordinator Email *

SAVE

FACULTY VISIT

user logo

Personal Details

Name *

Mail ID *

Phone Number *

Industry Affiliation Details

Company Name *

Company Address *

SAVE