

Software Requirement Specification

Name	Monisha M
Roll no	7376222IT201
Seat no	109
Project ID	29
Problem Statement	BIT- Interview Candidates Details

Problem Statement:

Develop an app to easily access and maintain the following details of hired candidates: Name, Year of passing, Gender, Branch and Degree, Educational Details, Contact Number, Resume Upload, Designation, Date of Interview, Selection status, Date of Joining, Photo, Working status and Address

Project Flow:

Purpose:

The purpose of the project is to develop a website for efficient management of candidate details for interviews conducted by BIT college. The system allows the admin to insert, update, and delete candidate records, while users can only access the records without editing or deleting them. The project ensures secure authentication and authorization through the storage of login credentials in databases.

Scope of Project:

- Developing a user-friendly website for accessing and maintaining candidate details.

- Implementing functionality for the admin to manage candidate records by inserting, updating, and deleting them.
- Providing secure authentication and authorization features to ensure data privacy and access control.
- Incorporating features for users to view candidate details without the ability to modify or delete them.

Business context:

The website aims to streamline the management of interview candidate details for BIT college. By providing easy access to candidate information, it improves efficiency in the selection process. The admin has full control over the records, allowing them to insert, update, and delete candidate data. Users, on the other hand, have read-only access, ensuring data integrity. The storage of login credentials in databases enables secure authentication and authorization, safeguarding the system's privacy and access control.

Consideration:

- All users possess active Google accounts for authentication.
- Users have regular access to internet-enabled devices.

Dependencies:

- Database Management System: The project relies on a reliable and efficient database management system (DBMS) to store and manage candidate details, login credentials, and other relevant data.
- Web Development Framework: The development of the website requires a suitable web development framework, such as Django to handle server-side processing, user interface design, and database interactions efficiently.

User personas:

- **Admin User:** The admin user persona represents the staff or faculty member responsible for managing the interview candidates. They have full access rights to insert, update, and delete candidate records, ensuring smooth administration of the selection process.
- **Viewer User:** The viewer user persona represents individuals, such as candidates, faculty members or staff, who need to access candidate details for reference or information purposes. They have read-only access and cannot make any changes to the records, ensuring data integrity and security.

User stories:

- As an admin, I want to be able to easily add, update, and delete candidate records, so that I can efficiently manage the interview process and keep the candidate database up to date.
- As a viewer, I want to be able to access and view candidate details, including their educational background, contact information, and interview status, so that I can make informed decisions or provide necessary information based on the candidate's profile.

Functional Requirements:

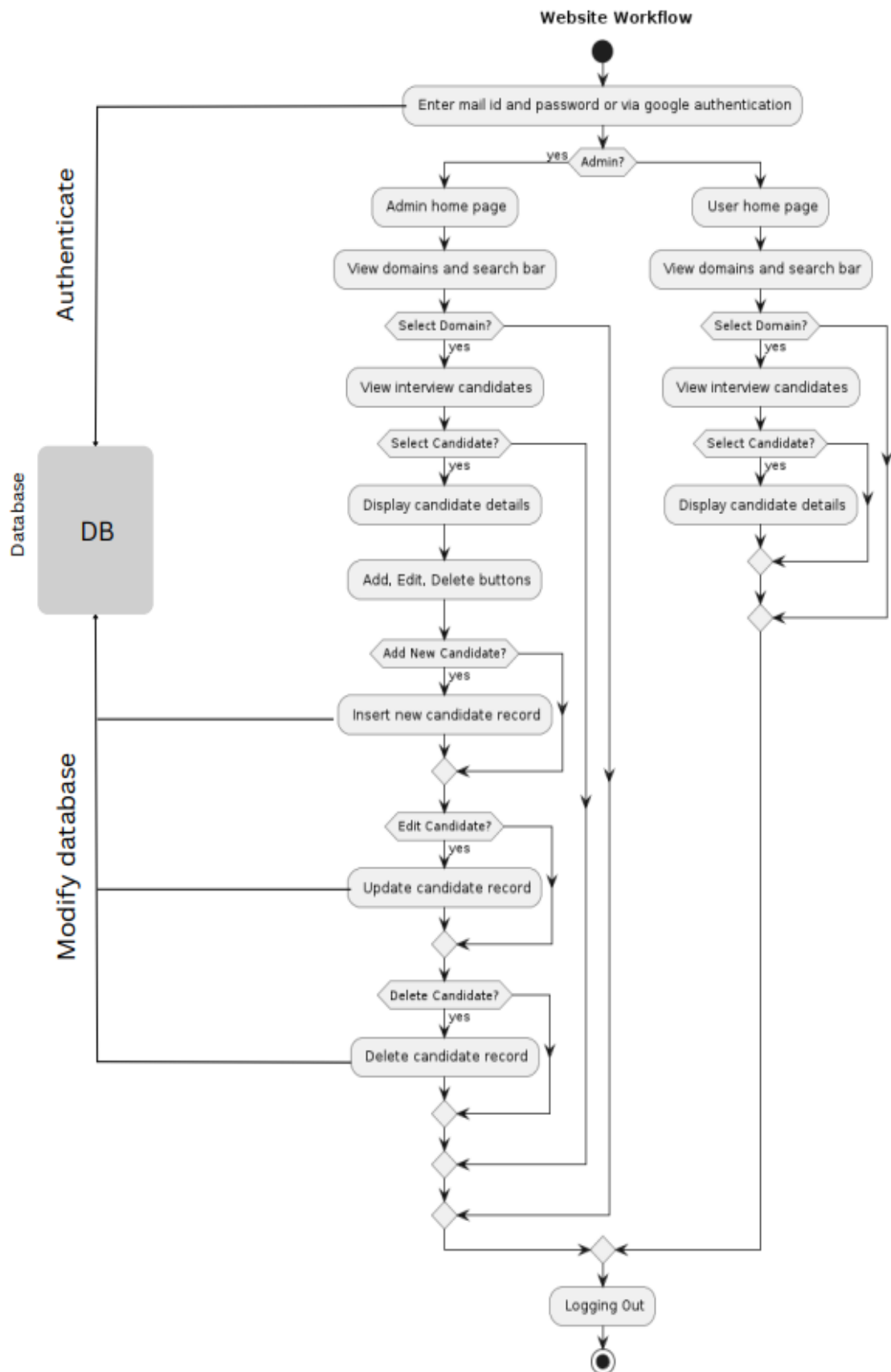
- **User Registration and Authentication:** Users should be able to register with the system using their credentials and authenticate themselves securely to access the website.
- **Candidate Management:** The admin should be able to add new candidates, update their details (such as name, year of passing, gender, etc.), and delete candidate records as needed.
- **Search and Filter Functionality:** Users should be able to search and filter candidate records based on various criteria, such as name, designation, or selection status, to quickly locate specific candidates.

- **User-Friendly Interface:** The website should have an intuitive and user-friendly interface that allows users to navigate through the candidate records easily, view details, and access relevant information without any confusion.
- **Data Security and Privacy:** The system should ensure the security and privacy of candidate data, including storing login credentials securely and implementing necessary measures to protect against unauthorized access or data breaches.

Stack:

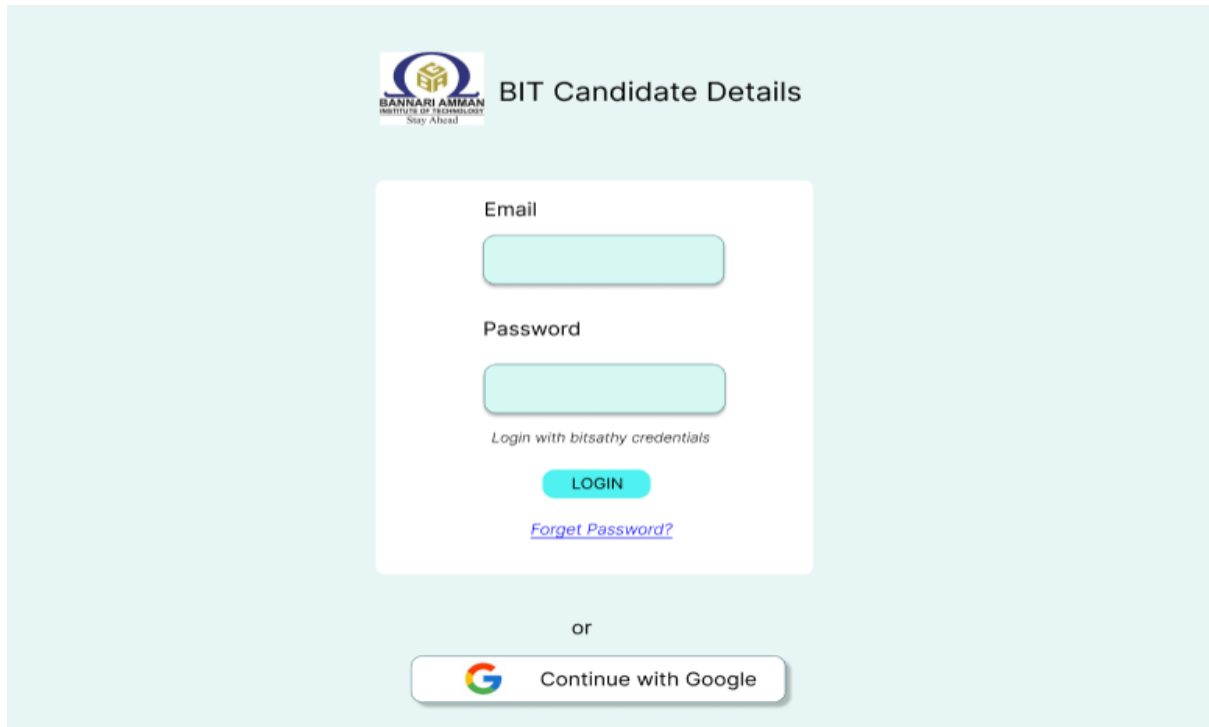
Front End	Html, CSS, Js
Backend	Django
Data Base	MySQL

Workflow:



Prototype of the Project:

1.Login form



The login form is titled "BIT Candidate Details" and features the Bannari Amman Institute of Technology logo. It includes input fields for "Email" and "Password", a "LOGIN" button, and a "[Forget Password?](#)" link. Below the login fields, there is an "or" separator and a "Continue with Google" button with the Google logo.

BIT Candidate Details

Email


Password

Login with bitsathy credentials

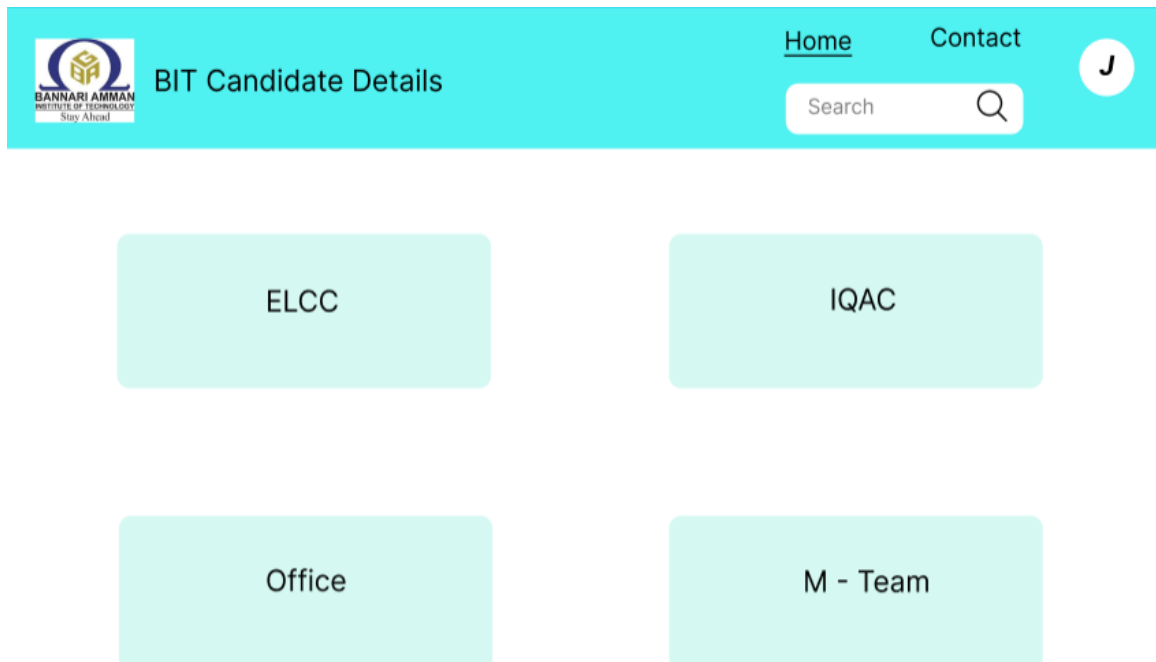
LOGIN

[Forget Password?](#)

or

 Continue with Google


2.Home Page




The home page has a cyan header with the Bannari Amman Institute of Technology logo, the title "BIT Candidate Details", and navigation links for "Home" and "Contact". A search bar with a magnifying glass icon and a user profile icon with the letter "J" are also present. The main content area contains four light blue buttons labeled "ELCC", "IQAC", "Office", and "M - Team".

BIT Candidate Details

[Home](#) [Contact](#)

Search 



ELCC

IQAC

Office

M - Team

Rewards Team

Special Lap

Student affairs

Training & Placement



Alathukombai - Post,
Sathyamangalam - 638 401,
Erode District, Tamil Nadu, India.

+91 4295 226000
+91 99429 21289
stayhead.@bitsathy.ac.in

3. User's view



BIT Candidate Details

[Home](#)

[Contact](#)

J

Hold



Candidate_Id	Name	Selection status	View
ID0056	Lorenzo	Hold	View
ID0106	Shivani	Hold	View
ID0122	Yashnavi	Hold	View

Back

Special Lap



Candidate_Id	Name	Selection status	View
ID0043	Caroline	Accepted	View
ID0056	Lorenzo	Hold	View
ID0109	Stefan	Accepted	View
ID0118	Sarah	Rejected	View

[Back](#)

[ID0043](#) - Caroline

[Back](#)

Candidate_Id : ID0043

Name : Caroline

Branch & Degree : AIML - B.Tech

Gender : Female

Contact Number: 9876543210

Year of Passing : 2023

Designation : Erode



Academic Credentials

Degree	Specialization	Institute	University	Year of Passing
B.E.	Computer Science and Engineering	SNS College Of Technology	Anna University, chennai	2021
M.E.	Computer Science and Engineering	SNS College Of Technology	Anna University, chennai	2023

Area of Expertise

Artificial Intelligence

Resume upload

[Resume-Caro.pdf](#)

Date of Interview : 24.06.2023

Selection Status : Accepted

Date of Joining : 01.07.2023

Working Status : Active


Address : 2/175,Mylampalayam,
Kunnathur(POST),
Tirupur - 638103



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4.Admin's view

**BIT Candidate Details**

[Home](#)[Contact](#)

J

Hold

Candidate_Id	Name	Selection status	View	Edit	Delete
ID0056	Lorenzo	Hold	View		
ID0106	Shivani	Hold	View		
ID0122	Yashnavi	Hold	View		

AddBack

Special Lap

[Add](#)

Candidate_Id	Name	Selection status	View	Edit	Delete
ID0043	Caroline	Accepted	View		
ID0056	Lorenzo	Hold	View		
ID0109	Stefan	Accepted	View		
ID0118	Sarah	Rejected	View		

[Back](#)[ID0043](#) - Caroline[Edit](#)[Back](#)**Candidate_Id** : ID0043

Caroline

**Branch & Degree** : AIML - B.Tech**Gender** : Female**Contact Number:** 9876543210**Year of Passing** : 2023**Designation** : Erode

Academic Credentials

Degree	Specialization	Institute	University	Year of Passing
B.E.	Computer Science and Engineering	SNS College Of Technology	Anna University, chennai	2021
M.E.	Computer Science and Engineering	SNS College Of Technology	Anna University, chennai	2023

Area of Expertise

Artificial Intelligence

Resume upload

[Resume-Caro.pdf](#)

Date of Interview : 24.06.2023

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Address : 2/175,Mylampalayam,
Kunnathur(POST),
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5.Add candidate details form

 BIT Candidate Details Form Create Close	
Candidate_Id *	Branch & Degree *
<input type="text"/>	<input type="text"/>
Gender	Contact Number *
<div>Select Gender ▼</div>	<input type="text"/>
Designation	Year of Passing - Bachelor's
<input type="text"/>	<input type="text"/>
Degree - Bachelor's	Specialization - Bachelor's
<input type="text"/>	<input type="text"/>
Institute - Bachelor's	University - Bachelor's
<input type="text"/>	<input type="text"/>
Year of Passing - Master's	Degree - Master's
<input type="text"/>	<input type="text"/>
Specialization - Master's	Institute - Master's
<input type="text"/>	<input type="text"/>


University - Master's <hr/>	Area of Expertise <hr/>
Resume upload <div> <div>Upload</div>  </div>	
Date of Interview <div>DD/MM/YYYY</div>	
Selection Status <div> <input type="radio"/> Accepted <input type="radio"/> Rejected <input type="radio"/> Hold </div>	
Date of Joining <div>DD/MM/YYYY</div>	
Working Status <div> <input type="radio"/> Active <input type="radio"/> Inactive (Relieved) </div>	
Address <hr/>	



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6.Contact Page


BIT Candidate Details

[Home](#)
[Contact](#)

J

Search

Write us
Name


E-mail


Message


SEND MESSAGE

For more queries contact

Mr.Raghav, AP - II,
AIML Department.


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