



PROJECT FLOW

Student Name	BHARATH T
Seat Number	229
Project Id	29
Project Title	BIT INTERVIEW CANDIDATES DETAILS

TECHNICAL COMPONENTS :

STACK	PYTHON STACK
Front End	HTML,CSS,Javascript
Backend	Django
DataBase	MySQL
API	RESTFul API

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-WORKFLOW :

PURPOSE:

Developing an application to efficiently manage and access the details of hired candidates, including personal information, educational background, interview details, and employment status.

SCOPE:

The system will feature user authentication, candidate profile management, interview scheduling, and reporting capabilities. It aims to streamline HR processes, improve data accessibility, and enhance decision-making related to candidate selection and hiring.

BUSINESS CONTEXT :

The placement interview details app at BIT facilitates seamless communication, minimizes scheduling conflicts, and ensures timely information sharing among students, faculty, and administrative staff. This enhances organizational efficiency, streamlines coordination efforts, and contributes to a more effective placement process overall.

CONSIDERATIONS:

- All users should have active Google accounts for authentication purposes.
- User should have access to the internet-enabled devices

DEPENDENCIES:

- Integration with Google OAuth for secure user authentication.
- Consistent performance and availability of the existing email server for smooth email communication.

USER PERSONA:

- **STUDENT** : Views own placement details, updates personal information.
- **PLACEMENT FACULTY** : Manages and updates placed candidates' information, coordinates with companies .

USER STORIES:

- **Students** : Students require a streamlined process to upload their resumes and maintain updated contact details accessible to faculty members. They also expect real-time updates on their application status and convenient access to faculty information such as designations and contact details for interview preparations.
- **Faculty** : Faculty members need a system to efficiently schedule interviews, track candidate selection statuses, and manage candidate working statuses post-selection. They also require robust search and filtering capabilities to find relevant candidate details based on criteria like branch, year of passing, and selection status

FUNCTIONAL REQUIREMENTS :

- ➔ **User Authentication**: The app ensures secure login for admin and students, safeguarding candidate data.
- ➔ **Candidate Management**: Users can easily add, view candidate profiles, capturing essential details efficiently.
- ➔ **Candidate Details**: The app tracks Name, Gender, Branch, Degree, Contact Number, Photo, Address, and stores resumes.
- ➔ **Educational Tracking**: Educational details like Year of Passing and Degree are recorded for comprehensive candidate profiles.
- ➔ **Interview Management**: It records Date of Interview, Interviewer's Name, and Selection Status, facilitating efficient scheduling.
- ➔ **Search and Filter** : Implement search and filter functional to quickly find specific candidate details

FLOW CHART :



