

Pre-employment Test Platform

Interview Invite Module

System Requirements Specification

Version 1.0

Sep 04, 2022

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1. Introduction

This application is an interface between the candidate and the employer who is responsible for the recruitment process. It aims to create a specific platform for both the employer and candidate to avoid uncertainty during the interview process.

1.1 Purpose

As a fresher or an experienced professional who wants to switch to a new job, you will be applying to many organizations through LinkedIn, Glassdoor, Indeed, Naukri and so on. As of now, the only way to communicate is through mail platform. If you are loaded with recruitment messages in your mail box, you have a chance of missing the interview call from a particular organization. So to avoid these situations, mobile application is developed by that specific organization to easily communicate with the candidate and to stand apart.

1.2 Project scope

- This applications helps the employer (HR) to allocate interview calls for the candidate in their platform instead of sending links via email.
- Candidate can track the interview invite of that specific organization every day.

2. Overall Description

2.1 Typical users of the project

2.1.1 Internal Users

- UX and UI Designers
- Full Stack Developers
- Testers

Characteristics

- UX and UI Designers – These persons are responsible for designing the UI prototype of mobile applications.
- Full Stack Developers – These persons are responsible for developing the mobile applications using front-end and back-end technologies.
- Testers – These persons are responsible to find any bug in application before deployment.

2.1.2 End Users

- Employees
- Candidates

Characteristics

- **Candidate** – These persons are the ones who will receive the interview invite and view the results in mobile application.
- **Employer** – These persons are responsible to send the interview invite to the candidates through the mobile application.

2.2 Assumptions and Dependencies

- I have considered the application specifically as mobile application in the SRS document.
- I have considered to give access only to the employer who is responsible for the recruitment process. This is done through Employee ID.
- This application is not a platform for conducting tests. It just send/ notifies the invite for tests and interviews and publish the results after the interview.

2.3 Constraints

- The Android version and IOS version should not be less than 11 and 15.6.1 respectively to use the application.
- The end users can view the application only in mobile and not in a web platform. This mobile application can either be downloaded in Play Store for Android or App Store for iOS.
- The VIEW RESULTS button cannot be activated unless the result is published by the employer in the application.
- The candidates who are shortlisted for the recruitment process only have the access to the application.

3. Systems Features and Requirements

3.1 Technologies Used

3.1.1 Front-end Technologies

- HTML5
- CSS3
- Javascript
- React native

3.1.2 Back-end Technologies

- Node js
- Express js

3.1.3 Database

- Firebase

3.1.4 Tools

- VS code
- Git tool

3.2 Functional Requirements

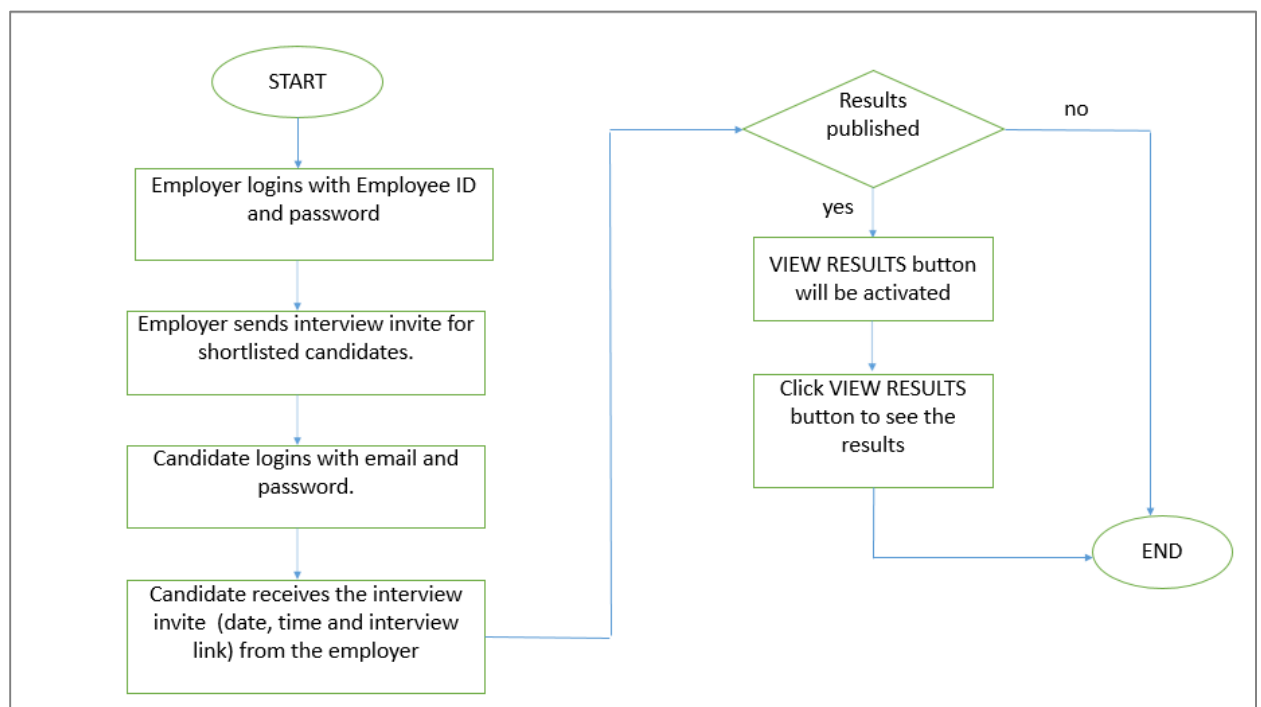
- a. **Send the interview invite** – The employer sends the interview link to the candidate who is selected for the interview.
- b. **View the results** – The candidates can view the results for the interview in the mobile application.
- c. **Historical data** – This mobile application has the past records, such as the results of the previous levels of the interview process.
- d. **Authentication** – This feature verifies the identity of the employee and candidate before logging into the mobile application.
- e. **Authorization levels** – This feature allows certain people from the organization to access the mobile application who is responsible for conducting the recruitment process.

3.3 Non-functional Requirements

- a. **Performance** – The application should refresh its page every minute to ensure that the candidate does not miss the invite.
- b. **Scalability** – This application should handle more than one lakh candidates who can access the application simultaneously.
- c. **Usability** – The candidate can check the application for the results instead of opening the mail and searching the results between the spams.
- d. **Flexibility** – The laptops or desktops are not necessary for the candidates to view the invites and results, since they are available through the mobile application.

4. Overall Diagram

4.1 Flow Diagram



4.2. Use case characteristics and diagram

The Interview Invite Module use cases are:

- Send the interview invite
- Receive the interview invite
- View results after the interview

Actors are as follows:

- Employer
- Candidate

Actors Documentation:

- **Employer** – Employer is an actor who is responsible to send invite through mobile application for the selected candidates from the previous round.
- **Candidate** – Candidate is an actor who receives interview invite through the mobile application and can view the results after the interview.

Use case 1: Send the interview invite

This use case is initiated by the employer. Interview invite is assigned.

Flow of events:

Employers sends the interview invite to the selected candidates.

Pre-Condition: The candidates must have been shortlisted from previous round.

Post-Condition: The interview link must be sent to shortlisted candidates.

Use case 2: Receive the interview invite

This use case is initiated by the candidate. Interview invite is received.

Flow of events:

Candidates receive the interview invite from the employer.

Pre-Condition: The interview invite must have been sent.

Post-Condition: The candidates should have received the interview invite.

Use case 3: View results after the interview

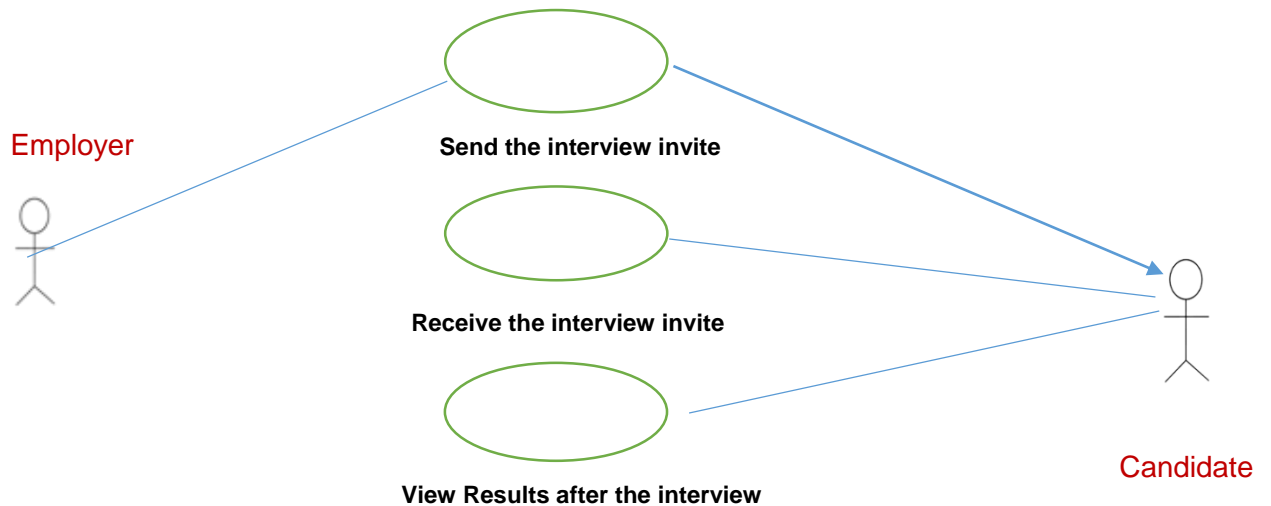
This use case is initiated by the candidate. Interview result is viewed.

Flow of events:

Candidates will be able to view the results after the interview.

Pre-Condition: The interview must be completed.

Post-Condition: The candidates must have viewed the results.



5. Mock-up Screens

Login page

LOGO

Employer	Candidate
Emp ID *	Email ID *
<input type="text"/>	<input type="text"/>
Password *	Password *
<input type="password"/>	<input type="password"/>
<input type="button" value="LOGIN"/>	<input type="button" value="LOGIN"/>

Send Invite page

LOGO

Interview Shortlisted Candidates

1. [Candidate name 1]
2. [Candidate name 2]
3. [Candidate name 3]

