# 1 Introduction

## Project Title

**Employee Profile Updation.**

## Purpose

This document is intended to provide the problem statement for the participants who are undergoing **Java Full Stack Training**.

## System Scope

Online profile updating Application is intended to be used by the employee of the organization over the internet. This Application provides two types of users such as Administrator and Employee. Administrator user is responsible to add or delete the job Details of the specific project along with various parameters such as Job Code, Skill Set, location, Number of years of experience etc. Employee user can search/view the Job details and add/delete/modify the profile details along with various other parameters.

The application does not expect authentication or authorization of the end users. It goes by the assumption that the users are already registered and hence can simply login using their user ID provided by the Organization.

# Functional Requirements

This section provides a high-level overview of the Online Profile Updation System

## Application Overview

The Objective of the Online Profile Updation Application is add Job Details of the Specific project and Employee has to update the profile details for the suitable Job.

### Administrator User

Administrator User should be able to do the following Operations.

* **Add Job Details:-**

Admin user should be able to Add Job Details and get the confirmation after successful entry along with auto generated Job-ID. Job details includes below options:

* Job ID
* Job Name
* Job Description
* Project Name
* Skills required
* Optional Skills
* Location
* Employee Band
* Number of years of Experience
* No Of position
* Contact Person email ID
* Contact Number
* **Modify Job Details**
  + User should be able to edit the Job Details based on Job ID
* **Delete Job Details**
  + User should be able to delete the job details based on Job ID.
* **Search/view resume details**
  + User should be able to Search a profile based on name/skill/location/year of experience
* **Download resume details** 
  + User should be able to download profiles and save it in the common location of the system
* **Log Out**

### Employee User

Employee user should be able to do following operations

* **Add Profile Details**
  + Employee should be able to add Profile details. Profile details must include
    - First Name
    - Last Name
    - Skill Set
    - Location
    - DOB
    - Qualification
    - Number of Years of Experience
    - Gender
    - Phone Number
    - Email-ID
* **Modify profile**
  + Modifying profile based on profile ID
* **Upload Profile**
  + Provide an option to upload profile file
* **Delete Profile**
  + Delete the profile based on Profile ID
* **Search Job Details**
  + User should be able to search Job Details based on Skill/Experience/Location. User can also apply for the suitable position in the search result
* **Log out**

**Note: Details of the users are indicative. Developer can add more fields as per requirements.**

## Assumptions

Please note the following assumptions:

1. User ID’s are already updated in Table so you do not have to build the Frontend modules to create new User.
2. Create a Login Page and ask for user and Password. Based on the User information it shows the appropriate home page with the Functionality

### 2.2.3 Data Storage

**Create an appropriate table required for Online Profile Updation Application. Some of the required tables are listed as below.**

* **Users information**
* **Profile details**
* **Job details**

**Note: Table should be normalized.**

## Deliverables

* HTML Prototype Screens where target screens will be different.
* Design Document
* Test Plan and Test Results.
* Full Functional Application.

# System Requirements

## System Interface

The software is to be developed in JEE development environment using **SPRING MVC Framework, Hibernate Framework and related technologies.**

## User Interface

The client interacts with the system through a GUI which comprises Html5, CSS

## Communication Interface

The communication between your application and database is using Hibernate Framework.

## Usability

Application must be easy-to-use. Development team should design the application in compliance with Wipro design standards.

## Maintainability

Application should be designed for ease of maintenance.

## Software Requirement Specification

|  |  |
| --- | --- |
| Software | Description |
| Windows 10 | Operating System for Online profile updation Application. |
| Browser client | Any browser |
| Oracle11 G/H2/MySQL | Database |
| Web Server | Tomcat Server 6 or later / GlassFish 4 |