**1. Software Requirement Specification(SRS):**

**a. Introduction:**

The purpose of this document is to demonstrate about the system. In this document the purpose of the project, scope of the project and the features of the project is discussed. The document is basically all about the overview of the project.

**b. Scope Of Project:**

The project is to develop an *Online Test Taking System* for the candidates who come for an interview to the organisation for job. So the system needs to be developed in such a way that the system should be user friendly and should be effective like the organisation can evaluate a candidate’s score very easily.

The system will be designed to use it inside the organisation. There must be a form before taking the test where the user ‘ll fill up the details about his/her background details. There ‘ll be a system so that the person who is giving the test can share his/her score over some social network site at the end of the test.

As the system is going to develop for the organisation’s own test taking so there ‘ll not be any sign up or creating account from company point of view.

The organisation can upload multiple question papers in an easy predefined format in normal text which in later case randomly be selected for the particular test takers. As the organisation has multiple skill requirement so there ‘ll be some distinct category of the question papers. On which category the candidate want to give the text can be selected by the candidate while he/she ‘ll start the test.

**c. Features Of The Project:**

1. User friendly UI

2. Automated score generation at the end of the test and score can be shared in social network

3. Candidates ‘ll have the choice on which subject they want the test.

4. Question papers can be uploaded in an easy format with a text file.

5. Question papers ‘ll be selected randomly for each test takers.

6. Email verification of the candidates can be done to avoid spam.

7. Webcam support can be embedded to analyse user’s reactions while taking test.

8. Error checking if the predefined format during uploading question papers if any error.

**d. Functional Requirement:**

The system has two types of users(actors).

i. Candidates who give the test

ii. Company management who ‘ll evaluate the candidates depending upon their score.

**Use Cases for candidates:**

1. Candidate Signup. \*Candidate Login

2. Candidate email verification ‘ll be done.

3. Selection of subject on which test ‘ll be taken by candidate.

4. Test timer ‘ll start as soon as test ‘ll start after pressing start test by candidate.

5. As soon as the time ‘ll up or user wants to end the test the test ‘ll be terminated and score ‘ll be shown.

6. Candidate ‘ll get an option to share the score that he/she obtained in the test or he/she can quit from the system.

Login

Sign Up

Verify Email

**Candidate Company Management**

Upload Question Papers

End test to get score

Share Score or quit

Start Test

Choice Subjects

Candidate Login

(Randomly Question

Paper ‘ll be chosen and shown)

Evaluate Score

**Use Cases For Company Management:**

1.Login

2. Upload question paper in a predefined format

3. Evaluate candidate score.

**Database:**

Candidate

{

candidate\_id (not null),

email(not null),

profile picture(not null),

first name(not null),

last name(not null),

d.o.b(not null),

heighest education(not null),

college name(not null),

university name(not null),

year of passing(not null),

experience(not null),

name of company1(null),

duration for company1(null),

reason of leaving(nullable),

name of company2(nullable),

duration for company2(nullable),

reason of leaving(nullable),

marks scored,

}

QuestionPaper

{

paper\_id(not null);

paper\_name(not null);

paper\_category(not null);

}

CandidateExamDetails

{

candidate\_id;

paper\_id;

marks\_scored;

}