# Resume scanner Database Documetation

**1. job\_descriptions**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **id** | **Serial (Primary Key)** | **Unique identifier for each job posting** |
| **File\_ref** | **File** | **Word, PDF, Excel file** |
| **Job\_Title** | **Varchar(100)** | **Title of the job position** |
| **Company** | **Varchar(255)** | **Name of the company offering the job** |
| **Description** | **Text** | **Detailed description** |
| **Experience** | **Integer** | **Required experience in years (Range, for example, 3-5 years)** |
| **Must-Have Skills** | **Text/JSON** | **Essential skills for the job (Comma separated?? Or JSON)** |
| **Good-to-Have Skills** | **Text/JSON** | **Additional desirable skills (Comma separated?? Or JSON)** |
| **created\_at** | **Timestamp** | **Time when the job was created** |
| **Updated\_at** | **Timestamp** | **Last updated** |
| **Status** | **Enum** | **Status of the job posting (e.g., active, in-active)** |

1. **Who can upload the Job Descriptions? Only Admin? Or Operators also?**
2. **Search, Filter capabilities in UI**
3. **Admin can set Job Description as Active / Inactive**

**2. users**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **id** | **Integer** | **Unique identifier for the user** |
| **email** | **Varchar** | **User's email address** |
| **name** | **Varchar** | **Name of the user** |
| **role\_id** | **Integer** | **Role identifier (possibly referencing a roles table)** |
| **password** | **Varchar** | **password** |
| **last\_login** | **Timestamp** | **Last login timestamp** |
| **status** | **Enum (active, in-active)** | **Current status of the user** |
| **Updated\_at** | **Timestamp** | **Last updated** |
| **created\_at** | **Timestamp** | **Account creation timestamp** |

**Roles considered:**

1. **Administrator – primary user for Admin portal? Can there be multiple Admins?**
2. **Operators – there will be multiple operators – At this point what operator will do is not clear, but possibly do the resume scanning, scheduling of interviews.**
3. **Are there any other roles – Dashboard User, Company HR? Who will probably see reports or progress? – If not clear at the moment, these can be future roles.**
4. **Source of resumes is outside the system. (Probably some workflow outside the system)**
5. **Candidate – will the candidate be considered as a user of the system? Most of the candidates will be there only for 1 time. In analogy with current Assessment Portal – candidate persona does not qualify as a user – this persona is 1 time user – entering using OTP and exiting once the interview is over.**

**3. companies**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **id** | **Serial (Primary Key)** | **Unique company ID** |
| **Company Name** | **Varchar(255, Unique)** | **Name of the company** |
| **Location** | **Varchar(255)** | **Company location** |
| **Industry** | **Varchar(255)** | **Industry type** |
| **Contact Email** | **Varchar(255)** | **Contact email for the company** |
| **Status** | **Enum (active, in-active)** | **Current status of the company** |
| **created\_at** | **Timestamp** | **Company registration timestamp** |
| **Updated\_at** | **Timestamp** | **Last updated** |

**The following table captures the details of interview scheduled by an operator for a candidate.**

**The fields shown below are tentative based on the scenario imagined by us and not related to any existing UI**

**4. assessment\_details**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **assessement\_id** | **Serial (Primary Key)** | **Unique assessment ID** |
| **company\_id** | **Integer (FK)** | **References companies(id)** |
| **created\_date** | **Timestamp** | **Assessment creation timestamp** |
| **assessment\_date** | **Timestamp** | **When the assessment will take place** |
| **valid\_till** | **Timestamp** | **Expiry date for the assessment** |
| **operator\_id** | **integer** | **Likely the user managing the assessment** |
| **candidate\_email** | **Varchar** | **Email of the candidate being assessed** |
| **duration** | **Integer (minutes)** | **Time duration of the assessment** |
| **max\_questions** | **Integer** | **Maximum number of questions in the assessment** |

**5. assessment\_question\_map**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **assessmen\_id** | **Integer** | **References assessment\_details(assessement\_id)** |
| **quetsion\_id** | **Serial** | **References question\_details(question\_id)** |

**6. question\_details**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **question\_id** | **Serial (Primary Key)** | **Unique ID for the question** |
| **title** | **Varchar** | **Title of the question** |
| **description** | **Text** | **Detailed description of the question** |
| **track** | **Varchar** | **Subject or track category** |
| **topic** | **Varchar** | **Specific topic under the track** |
| **sub\_topic** | **Varchar** | **Sub-topic under the topic** |
| **type** | **Varchar** | **Type of question (e.g., MCQ, subjective)** |
| **options** | **Text** | **Options for the question (if applicable)** |
| **answer** | **Text** | **Correct answer** |

**7. assessment\_response**

| **Column** | **Data Type** | **Description** |
| --- | --- | --- |
| **assessment\_id** | **Integer** | **References assessment\_details(assessement\_id)** |
| **candidate\_email** | **Varchar** | **Email of the candidate** |
| **question** | **Text** | **Question text** |
| **answer** | **Text** | **Candidate's answer** |