|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | REGISTRATION\_ID | INT | 10 | PRIMARY KEY |
| 2 | PASSWORD | VARCHAR | 20 |  |
| 4 | ROLE | CHAR | 20 | Applicant, Employer Contact (Client) or Employee Admin |
| 5 | ACTIVE | BOOLEAN |  | User has an active login |

1. **USER\_REGISTRATION**
2. **APPLICANT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | APPLICANT\_ID | INT | 10 | PRIMARY KEY (REGISTRATION\_ID – FK) |
| 2 | FIRST\_NAME | CHAR | 25 |  |
| 3 | LAST\_NAME | CHAR | 25 |  |
| 4 | ADDRESS | CHAR | 50 |  |
| 5 | CITY | CHAR | 50 |  |
| 6 | STATE | CHAR | 10 |  |
| 7 | ZIP | INT | 5 |  |
| 8 | CONTACT\_NO | INT | 10 |  |
| 9 | EMAIL\_ID | CHAR | 40 |  |
| 10 | GENDER | CHAR | 10 |  |
| 11 | DATE\_OF\_BIRTH | DATE |  |  |

1. **APPLICANT\_SKILLS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | APPLICANT\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |
| 2 | SKILLS\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |

1. **DEGREE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | DEGREE | VARCHAR | 100 | PRIMARY KEY |
| 2 | APPLICANT\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |
| 3 | PASSING\_YEAR | INT | 10 |  |

1. **WORK\_EXPERIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | EXPERIENCE\_ID | VARCHAR | 100 | PRIMARY KEY |
| 2 | APPLICANT\_ID | INT | 10 | FOREIGN KEY |
| 3 | DEPARTMENT | CHAR | 50 |  |
| 4 | LEVEL | CHAR | 20 |  |
| 5 | START DATE | DATE |  |  |
| 6 | END DATE | DATE |  |  |

1. **SKILLS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | SKILLS\_ID | INT | 10 | PRIMARY KEY |
| 2 | SKILS\_NAME | CHAR | 25 |  |
| 3 | SKILL\_TYPE\_ NAME | CHAR | 25 |  |

1. **EMPLOYEE\_ADMIN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | ADMINISTRATOR\_ID | INT | 10 | PRIMARY KEY (REGISTRATION\_ID – FK) |
| 2 | FIRST\_NAME | CHAR | 25 |  |
| 3 | LAST\_NAME | CHAR | 25 |  |
| 4 | ADDRESS | CHAR | 50 |  |
| 5 | CITY | CHAR | 50 |  |
| 6 | STATE | CHAR | 10 |  |
| 7 | ZIP | INT | 5 |  |
| 8 | CONTACT\_NO | INT | 10 |  |
| 9 | EMAIL | CHAR | 40 |  |
| 10 | GENDER | CHAR | 10 |  |
| 11 | DATE\_OF\_BIRTH | DATE |  |  |

1. **EMPLOYER \_CONTACT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | EMPLOYER\_ID | INT | 10 | PRIMARY KEY (REGISTRATION\_ID – FK) |
| 2 | CLIENT\_ID | INT | 10 | FOREIGN KEY |
| 3 | FIRST\_NAME | CHAR | 25 |  |
| 4 | LAST\_NAME | CHAR | 25 |  |
| 5 | DESIGNATION | CHAR | 50 |  |
| 6 | CONTACT\_NO | INT | 10 |  |
| 7 | EMAIL | VARCHAR | 40 |  |

1. **EMPLOYER\_CLIENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | CLIENT\_ID | INT | 10 | PRIMARY KEY |
| 2 | COMPANY\_NAME | CHAR | 25 |  |
| 3 | ADDRESS | VARCHAR | 50 |  |
| 4 | CITY | CHAR | 50 |  |
| 5 | STATE | CHAR | 10 |  |
| 6 | ZIP | INT | 5 |  |

1. **JOB**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | JOB\_ID | INT | 10 | PRIMARY KEY |
| 2 | EMPLOYER\_ID | INT | 10 | FOREIGN KEY |
| 3 | START\_DATE | DATE |  |  |
| 4 | END\_DATE | DATE |  |  |
| 5 | OPEN | BOOLEAN |  | Info indicate if the position is still open |
| 6 | JOB\_DESCRIPTION | CHAR | 200 |  |
| 7 | NO\_OF\_VACANCY | INT | 10 |  |

1. **JOB-SKILLS\_REQUIREMENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | JOB\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |
| 2 | SKILLS\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |

1. **JOB-EXP\_REQUIREMENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | EXPERIENCE\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |
| 2 | JOB\_ID | INT | 10 | PRIMARY KEY / FOREIGN KEY |

1. **INTERVIEW\_SCHEUDLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | INTERVIEW\_ID | INT | 10 | PRIMARY KEY |
| 2 | APPLICANT\_ID | INT | 10 | FOREIGN KEY |
| 3 | JOB\_ID | INT | 10 | FOREIGN KEY |
| 4 | INTERVIEW\_TYPE | CHAR | 25 |  |
| 5 | INTERVIEW\_DATE | DATE |  |  |
| 6 | INTERVIEW\_TIME | TIME |  |  |
| 7 | REVIEW\_COMMENTS | CHAR | 50 |  |
| 8 | RESULT | BOOLEAN |  |  |

1. **WORK\_CONTRACT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **NAME** | **DATA TYPE** | **WIDTH** | **CONSTRAINTS** |
| 1 | APPLICANT\_ ID | INT | 10 | PRIMARY KEY /FOREIGN KEY |
| 2 | JOB\_ID | INT | 10 | PRIMARY KEY/FOREIGN KEY |
| 3 | START\_DATE | DATE |  |  |
| 4 | END\_DATE | DATE |  |  |
| 5 | ACTIVE | BOOLEAN |  | Set to YES |
| 6 | COMMENTS | CHAR | 50 |  |