### 1. `users`

This table stores the general information of all users, both PWDs and employers.

| Column Name | Data Type | Constraints |

|-------------------|--------------|--------------------------------------|

| `user\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `name` | VARCHAR(255) | NOT NULL |

| `email` | VARCHAR(255) | UNIQUE, NOT NULL |

| `password` | VARCHAR(255) | NOT NULL |

| `role` | ENUM(‘pwd’, ‘employer’) | NOT NULL |

| `phone\_number` | VARCHAR(15) | NULLABLE |

| `profile\_picture` | VARCHAR(255) | NULLABLE

| `address` | VARCHAR(255) | NULLABLE |

| `created\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

### 2. `pwd\_profiles`

This table stores additional information specific to PWD users.

| Column Name | Data Type | Constraints |

|-------------------|--------------|--------------------------------------|

| `pwd\_id` | INT | PRIMARY KEY, FOREIGN KEY REFERENCES `users(user\_id)` |

| `disability\_type` | VARCHAR(255) | NOT NULL |

| `skills` | TEXT | NULLABLE |

| `experience` | TEXT | NULLABLE |

| `education` | TEXT | NULLABLE |

| `resume` | VARCHAR(255) | NULLABLE (link to uploaded file) |

### 3. `employer\_profiles`

This table stores additional information specific to employers.

| Column Name | Data Type | Constraints |

|-------------------|--------------|--------------------------------------|

| `employer\_id` | INT | PRIMARY KEY, FOREIGN KEY REFERENCES `users(user\_id)` |

| `company\_name` | VARCHAR(255) | NOT NULL |

| `industry` | VARCHAR(255) | NOT NULL |

| `website` | VARCHAR(255) | NULLABLE |

| `company\_address` | VARCHAR(255) | NULLABLE |

### 4. `job\_postings`

This table stores information about job postings.

| Column Name | Data Type | Constraints |

|-------------------|--------------|--------------------------------------|

| `job\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `employer\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `job\_title` | VARCHAR(255) | NOT NULL |

| `job\_description` | TEXT | NOT NULL |

| `location` | VARCHAR(255) | NULLABLE |

| `salary` | DECIMAL(10, 2) | NULLABLE |

| `employment\_type` | ENUM(‘full-time’, ‘part-time’, ‘freelance’) | NOT NULL |

| `posted\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

| `expiration\_date` | DATE | NOT NULL |

### 5. `applications`

This table tracks the applications submitted by PWD users for job postings.

| Column Name | Data Type | Constraints |

|------------------|--------------|--------------------------------------|

| `application\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `job\_id` | INT | FOREIGN KEY REFERENCES `job\_postings(job\_id)` |

| `pwd\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `cover\_letter` | TEXT | NULLABLE |

| `resume` | VARCHAR(255) | NOT NULL |

| `applied\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

| `status` | ENUM(‘pending’, ‘reviewed’, ‘accepted’, ‘rejected’) | DEFAULT ‘pending’ |

### 6. `interviews`

This table tracks interviews scheduled between employers and PWD users.

| Column Name | Data Type | Constraints |

|------------------|--------------|--------------------------------------|

| `interview\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `application\_id` | INT | FOREIGN KEY REFERENCES `applications(application\_id)` |

| `scheduled\_at` | DATETIME | NOT NULL |

| `status` | ENUM(‘scheduled’, ‘completed’, ‘canceled’) | DEFAULT ‘scheduled’ |

### 7. `feedback`

This table stores feedback from employers on PWD applicants.

| Column Name | Data Type | Constraints |

|------------------|--------------|--------------------------------------|

| `feedback\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `application\_id` | INT | FOREIGN KEY REFERENCES `applications(application\_id)` |

| `employer\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `rating` | INT | CHECK (rating >= 1 AND rating <= 5) |

| `comment` | TEXT | NULLABLE |

| `submitted\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

### 8. `messages`

This table stores communication between employers and PWD users.

| Column Name | Data Type | Constraints |

|------------------|--------------|--------------------------------------|

| `message\_id` | INT | PRIMARY KEY, AUTO\_INCREMENT |

| `sender\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `receiver\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `message\_text` | TEXT | NOT NULL |

| `sent\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

### 9. `notifications`

This table stores system notifications for users.

| Column Name | Data Type | Constraints |

|------------------|--------------|--------------------------------------|

| `notification\_id`| INT | PRIMARY KEY, AUTO\_INCREMENT |

| `user\_id` | INT | FOREIGN KEY REFERENCES `users(user\_id)` |

| `message` | VARCHAR(255) | NOT NULL |

| `read\_status` | BOOLEAN | DEFAULT FALSE |

| `created\_at` | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

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