Candidate Evaluation Portal - Database Design

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| **User Master** | |
| **user\_id** | Integer |
| **name** | String |
| **email** | String |
| **contact** | String |
| **gender** | String |
| **username** | String |
| **password** | String |
| **role\_id** | Integer |
| **Reporting\_to** | Integer |
| **created\_Date** | Date/Time |
| **Modified\_date** | Date/Time |
| **is\_Active** | Boolean |
| **is\_deleted** | Boolean |

**Description:**

1. Holds data for all the users of the system
2. Distinguished by the “Role\_id” field the defines the role of the user

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| **Technology Master** | |
| **technology\_id** | Integer |
| **technology name** | String |

**Description:**

1. Holds data for all the technologies that will be present with the users in the system

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| **Role Master** | |
| **Role\_id** | Integer |
| **Role name** | String |

**Description:**

1. Holds data for all the roles of the users present in the system e.g.: Admin, Candidate, Supervisor

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| **User technology** | |
| **user\_technology\_id** | Integer |
| **user\_id** | Integer |
| **technology\_id** | Integer |

**Description:**

1. Holds data for a mapping between the users and the technologies a user has an expertise in.
2. A user can have an expertise on multiple technologies.
3. A technology can have multiple experts.
4. This table holds a many-to-many relationship between users and technologies.
5. Some users may not be expert in the technologies(e.g. Admin guys may not possible be trained over embedded system)
6. Also, some technologies may not have any experts
7. This table can help in having stats over Subject Matter Experts(SME)

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| **category Master** | |
| **category\_id** | Integer |
| **category name** | String |

**Description:**

1. Holds data for all the categories that will be displayed to the users/candidates
2. A category can have multiple courses.

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| **course Master** | |
| **course\_id** | Integer |
| **course\_name** | String |
| **category\_id** | Integer |
| **course\_type** | String |

**Description:**

1. Holds data for all courses present in the system and available for the candidates to take up.
2. Every course will have exactly one category.

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| **course candidate** | |
| **course\_candidate\_id** | Integer |
| **course\_id** | Integer |
| **candidate\_id** | Integer |
| **supervisor\_id** | Integer |
| **course \_taken\_on** | Date/Time |
| **course\_score** | String |
| **course\_result** | String |
| **supervisor\_feedback** | String |
| **admin\_feedback** | Text |
| **coding\_answer\_text** | Text |

**Description:**

1. Holds data of the courses taken by any candidate.
2. This table can help tracking of the candidates that have had taken up the courses and completed successfully or need to take up that course again

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| **Questions Master** | |
| **question\_id** | Integer |
| **question\_text** | String |
| **question\_answer** | String |
| **mcq\_answer\_options** | String |
| **course\_id** | Integer |
| **Question\_type** | String(MCQ or CODING) |

**Description:**

1. Holds data for all the questions that will be populated across the challenges in the system

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| **candidate answers** | |
| **candidate\_answer\_id** | Integer |
| **course\_candidate\_id** | Integer |
| **question\_id** | Integer |
| **answer** | Text |
| **is\_Correct** | Boolean |

**Description:**

1. Holds data of the answers given by the candidates to the courses they take up.
2. This will help in evaluation of the results of the candidates.
3. Based on this result, a decision can be taken whether the candidature of a candidate can be dropped off or taken forward for further rounds.

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| **WSR STATUS** | |
| **WSR\_STATUS\_id** | Integer |
| **Wsr\_status\_name** | String |
| **Wsr\_is\_active** | Boolean |
| **Wsr\_is\_deleted** | Boolean |

**Description:** This table will contain all the WSR status values.

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| **WSR** | |
| **WSR\_id** | Integer |
| **EMPLOYEE\_id** | Integer |
| **WSR\_DATE** | Date |
| **WSR\_STATUS\_ID** | Integer |
| **WSR\_TASK** | String |
| **WSR\_REMARKS** | String |

**Description:** This table will keep track of employee Weekly Status Report

**HR PORTAL Database Design**

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| **Skills master** | |
| **skill\_id** | Integer |
| **Skill\_name** | String |
| **SKILL\_IS\_ACTIVE** | Boolean |
| **SKILL\_IS\_DELETED** | Boolean |

**Description:** This table holds the skills that will span across the organization.

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| **Candidate master** | |
| **candidate\_id** | Integer |
| **CANDIDATE\_name** | String |
| **CANDIDATE\_CONTACT** | String |
| **CANDIDATE\_SKYPE\_ID** | String |
| **CANDIDATE\_EMAIL** | String |
| **CANDIDATE\_TECHNICAL\_SKILLS** | String |
| **CANDIDATE\_CV** | String |
| **CANDIDATE\_IS\_ACTIVE** | Boolean |
| **CANDIDATE\_IS\_DELETED** | Boolean |

**Description:** This table will hold the data of the candidate those will be sourced by the Recruitment team.

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| **Recruitment Status master** | |
| **STATUS\_id** | Integer |
| **Status\_name** | String |
| **Status\_is\_active** | Boolean |
| **Status\_is\_deleted** | Boolean |

**Description:** This table will hold the data for the recruitment status. That is, the statuses a candidate will go through while undergoing the recruitment process. Starting from “***sourced***” to “***selected***” or “***rejected***”

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| **Candidate recruitment STATUS** | |
| **Candidate\_STATUS\_id** | Integer |
| **Candidate\_id** | Integer |
| **INTERVIEWED\_BY** | Integer |
| **INTERVIEW\_STATUS** | String |
| **CANDIDATE\_STATUS\_UPDATED\_DATE** | Date |
| **Status\_updated\_by** | Integer |

**Description:** This table will track down the recruitment status of the candidates.