**Data Dictionary**

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| **Branch** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | b\_id | VARCHAR2 | 10 | PRIMARY KEY |
| 2 | bname | VARCHAR2 | 10 | REGEXP\_LIKE(bname, '^[A-Z]{2}$' |
| 3 | hod | VARCHAR2 | 20 |  |

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| **UserInfo** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | u\_id | VARCHAR2 | 10 | PRIMARY KEY |
| 2 | fname | VARCHAR2 | 50 | REGEXP\_LIKE  (fname,'^[A-Za-z]{2,10}$' |
| 3 | mname | VARCHAR2 | 50 | REGEXP\_LIKE  (mname,'^[A-Za-z]{2,10}$' |
| 4 | lname | VARCHAR2 | 50 | REGEXP\_LIKE  (lname,'^[A-Za-z]{2,10}$' |
| 5 | Imageurl | VARCHAR2 | 20 |  |
| 6 | mobile | NUMBER | 10,0 | REGEXP\_LIKE  (mobile,'^([1-9]{1}[0-9]{9})$' |
| 7 | email | VARCHAR2 | 50 | REGEXP\_LIKE  (email,'^([a-zA-Z0-9\_\-\.]+)@((gmail.com)|(yahoo.com))$' |
| 8 | dob | DATE | - |  |
| 9 | b\_id | VARCHAR2 | 10 | FOREIGN KEY(Branch) |
| 10 | rollno | VARCHAR2 | 10 |  |
| 11 | password | VARCHAR2 | 50 | REGEXP\_LIKE  (password,'^([a-zA-Z0-9@\*#]{7,14})$' |
| 12 | cpi | NUMBER | 4,2 |  |
| 13 | backlog | VARCHAR2 | 10 |  |
| 14 | address | VARCHAR2 | 80 |  |
| 15 | sequrity\_q\_a | VARCHAR2 | 20 |  |
| 16 | role | VARCHAR2 | 10 |  |
| 17 | active | VARCHAR2 | 10 | Default (false) |

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| **Post** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | p\_id | NUMBER | 6 | PRIMARY KEY, Auto increment |
| 2 | u\_id | VARCHAR2 | 10 | FOREIGN KEY |
| 3 | description | VARCHAR2 | 10 |  |
| 4 | post\_date | DATE |  |  |

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| **Company** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | c\_id | VARCHAR2 | 10 | PRIMARY KEY |
| 2 | cname | VARCHAR2 | 50 | REGEXP\_LIKE  (cname,'^[A-Za-z]{2,19}$' |
| 3 | phone | VARCHAR2 | 12 |  |
| 4 | email | VARCHAR2 | 50 | REGEXP\_LIKE  (email,'^([a-zA-Z0-9\_\-\.]+)@((gmail.com)|(yahoo.com))$' |
| 5 | website | VARCHAR2 | 50 |  |

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| **Location** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | c\_id | VARCHAR2 | 10 | FOREIGN KEY |
| 2 | location | VARCHAR2 | 100 |  |

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| **Schedule** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | s\_id | VARCHAR2 | 10 | PRIMARY KEY |
| 2 | c\_id | VARCHAR2 | 10 | FOREIGN KEY(Company) |
| 3 | package | NUMBER | 4,2 |  |
| 4 | visit\_date | DATE |  |  |
| 5 | deadline | DATE |  |  |
| 6 | min\_cpi | NUMBER | 4,2 |  |
| 7 | backlog | VARCHAR2 | 10 |  |
| 8 | vacancy | INT |  |  |
| 9 | hrname | VARCHAR2 | 20 | REGEXP\_LIKE  (hrname,'^[A-Za-z]{2,9}$' |
| 10 | description | VARCHAR2 | 100 |  |

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| **Notice** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | n\_id | VARCHAR2 | 10 | PRIMARY KEY |
| 2 | u\_id | VARCHAR2 | 10 | FOREIGN KEY(UserInfo) |
| 3 | notice\_date | DATE |  |  |

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| **Register** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | r\_id | NUMBER | 6 | PRIMARY KEY, Auto increment |
| 2 | u\_id | VARCHAR2 | 10 | FOREIGN KEY(UserInfo) |
| 3 | s\_id | VARCHAR2 | 10 | FOREIGN KEY(Schedule) |
| 4 | active | VARCHAR2 | 10 | Default (true) |

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| **Status** | | | | |
| **Sr. no.** | **Field Name** | **Data Type** | **Width** | **Constraint** |
| 1 | st\_id | NUMBER | 6 | PRIMARY KEY,Auto increment |
| 2 | u\_id | VARCHAR2 | 10 | FOREIGN KEY(UserInfo) |
| 3 | c\_id | VARCHAR2 | 10 | FOREIGN KEY(Company) |
| 4 | package | NUMBER | 4,2 |  |
| 5 | placed\_date | DATE | - |  |
| 6 | placed | VARCHAR2 | 10 |  |