Description

There are three users in our system:

1. Admin

2. Company and

3. User (Employee)

And hence we’ve following three main modules:

1. Company – To prepare the preloads and add users account

2. Admin – To organize or arrange the meetings, set or discuss the agenda and create the meeting platform.

3. Employee (Users) – Users of the very same company participate in meetings and document their speech or discussion.

Data Dictionary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TABLE : Company  PRIMARY KEY : CompanyId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | CompanyId | Int | 4 | Primary Key | Company Identity number |
| 2 | CompanyName | Varchar | 100 | Not Null | Title/Name of company |
| 3 | Address | Varchar | 500 | Not Null | Address of company |
| 4 | WebSite | Varchar | 100 |  | URL |
| 5 | AdminUserId | Int | 4 | Foreign Key | Reference from UserLogin |

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| --- | --- | --- | --- | --- | --- |
| TABLE : Role  PRIMARY KEY : RoleId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | RoleId | Int | 4 | Primary Key | Unique record identifier |
| 2 | RoleName | Varchar | 30 | Not Null Unique | Name of role – e.g Admin, Employee, Company |

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| --- | --- | --- | --- | --- | --- |
| TABLE : UserLogin  PRIMARY KEY : UserId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | UserId | Int | 4 | Primary Key | Unique record identifier |
| 2 | UserEmail | Varchar | 255 | Not Null Unique | User’s email |
| 3 | UserPass | Varchar | MAX | Not Null | User’s hash password |
| 4 | RoleId | Int | 4 | Foreign Key | Reference from Role |
| 5 | DateCreated | Date | 8 | Not Null | Date created |
| 6 | CompanyId | Int | 4 | Foreign Key | Reference from Company |
| 7 | Mobile | Varchar | 15 | Not null | Mobile number |

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| --- | --- | --- | --- | --- | --- |
| TABLE : UserProfile  PRIMARY KEY : UserId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | UserId | Int | 4 | Primary Key & Foreign Key | Unique record identifier & Reference from UserLogin |
| 2 | FullName | Varchar | 255 | Not Null Unique | User’s name |
| 3 | Address | Varchar | 500 | Not Null | Address of user |
| 4 | Designation | Varchar | 20 | Not Null | Designation of user |
| 5 | Photo | Varchar | 50 | Not Null | Photograph |

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| TABLE : Meeting  PRIMARY KEY : MeetingId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | MeetingId | Int | 4 | Primary Key | Unique record identifier |
| 2 | CompanyId | Int | 4 | Foregin key | Reference from Company |
| 3 | StartDate | DateTime | 8 | Not Null | Meeting Start Date |
| 4 | EndDate | DateTime | 8 | Not Null | End date & Time |
| 5 | MeetingTitle | Varchar | 500 | Not Null | Title or purpose of meeting |
| 6 | Status | Varchar | 20 |  | Status of meeting |
| 7 | DateCreated | DateTime | 8 | Not Null | Date created |

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| TABLE : Agenda  PRIMARY KEY : AgendaId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | AgendaId | Int | 4 | Primary Key | Unique record identifier |
| 2 | MeetingId | Int | 4 | Foregin key | Reference from Meeting |
| 3 | AgendaTitle | Varchar | MAX | Not Null | Agenda Description |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TABLE : Participant  PRIMARY KEY : ParticipantId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | ParticipantId | Int | 4 | Primary Key | Unique record identifier |
| 2 | MeetingId | Int | 4 | Foreign key | Reference from Meeting |
| 3 | UserId | Int | 4 | Foreign Key | Reference from UserLogin |
| 4 | DateInvited | DateTime | 8 | Not Null | DateTime on which invited |
| 5 | Attend | Bit | 1 | Not Null | Will attend the meeting – true /false |
| 6 | Remarks | Varchar | 300 |  | Remarks |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TABLE : MeetingDocument  PRIMARY KEY : DocumentId | | | | | |
| # | NAME | TYPE | SIZE | CONSTRAINTS | DESCRIPTION |
| 1 | DocumentId | Int | 4 | Primary Key | Unique record identifier |
| 2 | ParticipantId | Int | 4 | Foreign key | Reference from Participant |
| 3 | Note | Varchar | MAX | Not Null | Note of the participant |
| 4 | DateAddress | DateTime | 8 | Not Null | DateTime added |
| 5 | RefDocumentId | Int | 4 | Foreign Key | Self reference - MeetingDocument |

ER DIAGRAM



CLASS DIAGRAM



USE CASE – COMPANY USER



USE CASE – Employee





Activity – General



Activity – New Meeting



DFD-0 (Context Level)



DFD-1 Company Administrator



DFD-1 Meeting Administrator



Control Flow Chart

