User :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | UserID | bigint |  | Not null |  | **×** |
| 2 | Date of Signup | datetime | **×** | Not null | **×** | **×** |
| 3 | FirstName | Varchar(30) | **×** | Not null | **×** | **×** |
| 4 | LastName | VarChar(30) | **×** | null | **×** | **×** |
| 5 | Email | Varchar(100) | **×** | Not null |  | **×** |
| 6 | Github | Varchar(60) | **×** | null | **×** | **×** |
| 7 | Date of Birth | Date | **×** | null | **×** | **×** |
| 8 | Description | Varchar(1000) | **×** | null | **×** | **×** |
| 9 | Profile Pic | Varchar(1000) | **×** | null | **×** | **×** |
| 10 | Password | Varchar(30) | **×** | Not null | **×** | **×** |
| 11 | User Name | Varchar(30) | **×** | Not null |  | **×** |

MileStone :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | MileStone ID | bigint |  | Not null |  | **×** |
| 2 | UserID | bigint | **×** | Not null |  |  |
| 3 | Title | Varchar(30) | **×** | Not null | **×** | **×** |
| 4 | Projectid |  |  |  |  |  |
| 4 | Date of Begin | datetime | **×** | notnull | **×** | **×** |
| 5 | Date of End | datetime | **×** | Not null | **×** | **×** |
| 6 | Description | Varchar(1000) | **×** | null | **×** | **×** |

Comment :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Comment ID | bigint |  | Not null |  | **×** |
| 2 | UserID | bigint | **×** | Not null |  |  |
|  | TaskId |  |  |  |  |  |
| 3 | Title | Varchar(30) | **×** | Not null | **×** | **×** |
| 4 | text | Varchar(1000) | **×** | notnull | **×** | **×** |
| 5 | Date & Time | datetime | **×** | Not null | **×** | **×** |
| 6 | taskid | int |  | Not null |  | **×** |

Note :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Note ID | int |  | Not null |  | **×** |
| 2 | UserID | bigint | **×** | Not null |  |  |
| 3 | Title | Varchar(30) | **×** | Not null | **×** | **×** |
| 4 | text | Varchar(1000) | **×** | notnull | **×** | **×** |
| 5 | Date & Time | datetime | **×** | Not null | **×** | **×** |

Project :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Project ID | int |  | Not null |  | **×** |
| 2 | UserID | bigint | **×** | Not null |  |  |
|  | CompanyID |  |  |  |  |  |
| 3 | Title | Varchar(30) | **×** | Not null | **×** | **×** |
| 4 | Description | Varchar(1000) | **×** | null | **×** | **×** |
| 5 | Date of Begin | datetime | **×** | notnull | **×** | **×** |
| 6 | Date of End | datetime | **×** | Not null | **×** | **×** |

User-project :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Project ID | int |  | Not null |  |  |
| 2 | User ID | bigint |  | Not null |  |  |

Invitation :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | invitation ID | bigint |  | Not null |  | **×** |
| 2 | Project ID | int | **×** | Not null |  |  |
| 3 | Description | Varchar(500) | **×** | null | **×** | **×** |
| 4 | Destination | Varchar(30) | **×** | Not null | **×** | **×** |
| 5 | Date of invitation | datetime | **×** | Not null | **×** | **×** |

User-invitation :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | invitation ID | bigint |  | Not null |  | **×** |
| 2 | User ID | bigint |  | Not null |  |  |
| 3 | isowner | boolean | **×** | Not null | **×** | **×** |
| 4 | Is seen | bool | **×** | Not null | **×** | **×** |
| 5 | Is accept | bool | **×** | Not null | **×** | **×** |
| 6 | Read time | datetime | **×** | Not null | **×** | **×** |

company :

| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | company ID | int |  | Not null |  | **×** |
| 2 | Title | Varchar(30) | **×** | Not null | **×** | **×** |
| 3 | Number Of Member | Tinyint | **×** | notnull | **×** | **×** |
| 4 | Description | Varchar(500) | **×** | null | **×** | **×** |

User-company :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | companyid | int |  | Not null |  |  |
| 2 | User ID | bigint |  | Not null |  |  |
| 3 | isowner | boolean | **×** | Not null | **×** | **×** |

User-company-attr :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | companyid | int |  | Not null |  |  |
| 2 | User ID | bigint |  | Not null |  |  |
| 3 | fromdate | date |  | Not null | **×** | **×** |
| 4 | Until date | date |  | Not null | **×** | **×** |
| 5 | position | Varchar(25) | **×** | Not null | **×** | **×** |

Status :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Status ID | TinyInt |  | Not null |  | **×** |
| 2 | From Date | Date | **×** | Not null | **×** |  |
| 3 | Title | Varchar(30) | **×** | Not null | **×** | **×** |

history project status :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | From Date | Date |  | Not null |  | **×** |
| 2 | Until Date | Date | **×** | Not null | **×** | **×** |
| 3 | Status ID | TinyInt |  | Not null |  | **×** |
| 4 | Project ID | int |  | Not null |  | **×** |

Task :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Task id | int |  | Not null |  | **×** |
|  | ProjectId |  |  |  |  |  |
| 2 | title | Varchar(30) | **×** | Not null | **×** | **×** |
| 3 | Description | Varchar(500) | **×** | null | **×** | **×** |
| 4 | DObegin | date | **×** | Not null | **×** | **×** |
| 5 | DOend | date | **×** | Not null | **×** | **×** |
| 6 | Extra Date | date | **×** | Not null | **×** | **×** |
| 7 | Project ID | int |  | Not null |  | **×** |

l

Subtask :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | subtaskid | int |  | Not null |  | **×** |
| 2 | parentid | int | **×** | Not null |  |  |
| 3 | Task id | int | **×** | Not null |  |  |

Task – user :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Task id | int |  | Not null |  |  |
| 2 | UserID | bigint |  | Not null |  | **×** |
| 3 | isowner | bool | **×** | No null | **×** | **×** |

Task-milestone :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Task id | int |  | Not null |  |  |
| 2 | MileStone ID | bigint |  | Not null |  | **×** |

Task – user – status :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ردیف | نام ستون | نوع داده | PK | Null | Unique | FK |
| 1 | Task id | int |  | Not null |  |  |
| 2 | Status ID | TinyInt | **×** | Not null |  |  |
| 3 | UserID | bigint |  | Not null |  |  |