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| --- | --- |
| *Title:* | EM3 –System Specifications |
| *Doc Type:* | Profile Management |
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| *Version:* | 1.0 |
| *Date:* | 14th-May-2019 |

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1. Profile Management
2. Profile Type

We are using Profile Type for maintaining the grouping of profile.

Following is a table structure: -

New Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sno** | **Column** | **DataType** | **Nullable** | **RelationShip** | **RelationShip Table** |
| 1 | ID | Numeric | No | PK |  |
| 2 | ProfileType | Numeric | No |  |  |

1. Profile

Each user profile will be defined in the System.

Following base line information will be captured while creating profile: -

* 1. Profile Name.
  2. Define the profile type of profile.
  3. Set the hierarchy/level of profile.
  4. Set the Reporting to level with profile.
     1. Single level
     2. Upper level
  5. Set the Organization level with profile.

Following is a table structure: -

Existing Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sno** | **Column** | **DataType** | **Nullable** | **RelationShip** | **RelationShip Table** |
| 1 | ID | Numeric | No | PK |  |
| 2 | ProfileCode | Varchar | Yes |  |  |
| 3 | ProfileName | Varchar | No |  |  |
| 4 | ProfileTypeID | Numeric | No | FK | ProfileType |
| 5 | ProfileLevel | Numeric | No |  |  |
| 6 | ReportingToLevel | BIT | No |  |  |
| 7 | OrganisationLevel | Numeric | Yes |  |  |

1. Option/Permission

Following base line information will be captured while creating Option/Permission: -

1. Menu/ Title name.
2. Router Link (Page link).
3. Has Sub Menu.
4. Parent Id.
5. Option to display menu either mobile or web or both.
6. Sequence No.

Following is a table structure: -

Existing Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sno** | **Column** | **DataType** | **Nullable** | **RelationShip** | **RelationShip Table** |
| 1 | Id | int | No | PK |  |
| 2 | Title | varchar | No |  |  |
| 3 | RouterLink | varchar | No |  |  |
| 4 | Href | varchar | Yes |  |  |
| 5 | Icon | varchar | Yes |  |  |
| 6 | Target | varchar | Yes |  |  |
| 7 | HasSubMenu | bit | No |  |  |
| 8 | ParentId | int | Yes |  |  |
| 10 | QueryParam | varchar | Yes |  |  |
| 11 | SeqNo | int | No |  |  |
| 12 | DisplayWebMobile | int | No | FK | MasterValue |

1. Profile Permission Link
2. Each user profile will be link with Option/Permission, following base line information will be captured
3. Reference of profile id.
4. Reference of activity Id (Option/Permission).

Following is a table structure: -

Existing Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sno** | **Column** | **DataType** | **Nullable** | **RelationShip** | **RelationShip Table** |
| 1 | Id | int | No | PK |  |
| 2 | ProfileId | int | No |  |  |
| 3 | ActivityId | int | No |  |  |

1. For give the page access rights only, following base line information will be captured.
   1. Activity Name (Option/Permission).
   2. Profile ID
   3. Content Name
   4. Access Right

Following is a table structure: -

Existing Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sno** | **Column** | **DataType** | **Nullable** | **RelationShip** | **RelationShip Table** |
| 1 | Id | int | No | PK |  |
| 2 | ActivityName | varchar | No |  |  |
| 3 | ProfileID | int | No |  |  |
| 4 | ContentName | varchar | No |  |  |
| 5 | AccessRight | bit | No |  |  |

1. Authentication
2. Maintain the authentication check to access the options: -
   1. UI Level
   2. API Level