|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Product: Mutual Fund** | | | | | | |
| **Process Title:  Role** | | | | | | **Screen Code: 1301** |
| **Menu Location: Role Management** | | | | | |  |
| **Purpose** | | | | | | |
| The Purpose of this screen is to manage the role of the internal users and provide them necessary permissions. | | | | | | |
| **Screen Designs** | | | | | | |
| **Screen #1 | Role List**    **Screen #2 | Role Create**    **Screen #3 | Permission Management and User Assignment** | | | | | | |
| **ER Diagram** | | | | | | |
|  | | | | | | |
| **Pre-Condition** | | | | | | |
|  | * At least one internal user must be configured | | | | | |
| **Post Condition** | | | | | | |
|  | * A new role is created * Permissions to a role is configured * Users are assigned particular role. | | | | | |
| **Global Validations** | | | | | | |
|  | N/A | | | | | |
| **Global Variables** | | | | | | |
|  | N/A | | | | | |
| **UI Layout** | | | | | | |
| **Field ID** | **Attribute Label** | **Input**  **Object Type** | **Open/Enum/Source of Options** | | **Action Description** | **Validation/Description** |
| **Screen #1 | Role List**  Should at least 10 latest entries from the Role table. | | | | | | |
| 1F1 | Search | TB | Open | | Any entry on the field should filter the displayed list of users. | **Navigable:** Yes  **Read Only**: No  **Mandatory:** No  **Datatype:** Varchar  **Validation:** N/A  **Population:** N/A |
| If clicked on “Add”, the system should redirect the user to screen #2. | | | | | | |
| **Screen #2 | Create Role** | | | | | | |
| 2F1 | Role | TB | Open | | - | **Navigable:** Yes  **Read Only**: No  **Mandatory:** Yes  **Datatype:** Varchar   * Max Length: 50   **Validation:** N/A  **Population:** N/A |
| 2F2 | Code | TB | Open | |  | **Navigable:** Yes  **Read Only**: No  **Mandatory:** Yes  **Datatype:** Varchar  **Validation:** N/A  **Population:** N/A |
| 2F3 | Is Active | CB | Boolean | |  | **Navigable:** Yes  **Read Only**: No  **Mandatory:** Yes  **Datatype:** Boolean  **Validation:** N/A  **Population:** N/A |
| If clicked on “Save” button, system should validate the entered data. On successful validation, the system should add a new user with configured details and redirect to screen #1. | | | | | | |
| If clicked on “Cancel”, the system should redirect the user to screen #1. | | | | | | |
| https://lh5.googleusercontent.com/QGwLcoA1GnVdwuVb2idk24cY3qyue7y_JVmZo-EeCWKCz8sSSnylzRuYXEq6Vr2DKGDPF78olNNLsK-EHBCtRpWNpga1zZlI4-V50XF9GCNxDiRobzdrNoL307UDaCSTXjfeNb9730KvPU2e8prDIA  If clicked on “Edit” button, the system should redirect to screen #2 with the respective user details filled in respective input fields. | | | | | | |
| If clicked on “View” button, the system should redirect to the screen #2 with the respective user details. | | | | | | |
| If clicked on “Configure” button, the system should redirect role mapping screen. | | | | | | |
| **Screen #3 | Permission Management and User Assignment** | | | | | | |
| 3F1 | Screen | LV | Source of Options:  List of all active modules | | Selecting a screen should show list of privileges in 3F2. | **Navigable:** Yes  **Read Only:** No  **Mandatory:** Yes  **Datatype:** N/A  **Validation:** N/A  **Population:** N/A |
| 3F2 | Privileges | CB | List of Options:   * Allow ALL * Read * Modify * Delete * Checker * Master * Maker | | - | **Navigable:** Yes  **Read Only:** No  **Mandatory:** Refer to  Process P1  **Datatype:** N/A  **Validation:** N/A  **Population:** N/A |
| **List of Processes** | | | | | | |
| P1 | The user is able to select all the related permissions as well as user can revoke the permission  for the module. User shall also be able to select or deselect all the options at once. | | | | | |
| P2 | The user is able to select multiple users from the list that will be assigned to the selected role. | | | | | |
| **Table: user\_role** | | | | | | |
|  | **Attribute** | | | **Value** | | **Remarks** |
| **PK** | id | | | Auto Increment | |  |
|  | role | | | 2F1 | |  |
|  | code | | | 2F2 | |  |
|  | is\_active | | | 2F3 | |  |
|  | created by\_id | | | Auto Populated, Logged in user Id | |  |
|  | created\_date | | | Auto Populated, Current Date | |  |
|  | updated\_by\_id | | | Only in case of update, Auto Populated, Logged in user Id | |  |
|  | updated\_date | | | Only in case of update, Auto Populated, Current Date | |  |
|  |  | | |  | |  |
|  |  | | |  | |  |
|  |  | | |  | |  |
|  |  | | |  | |  |
| **Table: user\_usermenuprivilege** | | | | | | |
|  | **Attribute** | | | **Value** | | **Remarks** |
|  | user | | | 3F3 | | **List of Internal Users** |
|  | menu | | | 3F1 | | Id of specific screen |
|  | privilege | | | 3F2 | | List of privileges for the screen |
|  |  | | |  | |  |
|  |  | | |  | |  |
|  |  | | |  | |  |
| **Invisible Attributes and Update** | | | | | | |
| 1 |  | | |  | | |
| 2 |  | | |  | | |
| **API details (To be added by backend developer)** | | | | | | |
| 1 |  | | | | | |
| 2 |  | | | | | |

|  |  |
| --- | --- |
| **Effort Required** |  |
| Approved: | Signature |
| Name |