** MGT-06**

**Trainer: Mr.Ashish Gavshinde Date: 25/08/2023**

1. Create an admin Menu.
2. Add icon in Menu.
3. Add Menu and sub-menu.
4. Add menu under the existing menu.
5. What is the ACL and what does it do? Prepare verbally.
6. Create an admin user with restricted permission/access.
7. Show created menu only for the main admin user and hides it from the created admin user.
8. Provide access to the created menu to the new admin user that you have created previously.
9. What is system.xml? What does it do? Prepare verbally.
10. Create tab “Mangoit Extension”. Create section “Module Configuration”. Create Group “General Configuration”.
11. Create a “Yes/No” type field with the label “Enable Module”. Add a comment with it like “if its value is set to “yes” then all features of this module will be enabled.”
12. Create a text field with the label “Show Message” and add a comment. It should visible only when “Enable Module” is set to yes/active. It should have validation (Alphabet with space) (No numeric and other types of text/char acceptable)
13. Create a drop-down field with the label “Default Gender”.  It should visible only when “Enable Module” is set to yes/active. The dropdown option should be:  
    — select —  
    Male  
    Female  
    Transgender  
    Not want to specify  
    This field should also have a comment.
14. Create a dropdown field with the label “Default Customer Type”. It should visible only when “Enable Module” is set to yes/active. This field should also have a comment.  
    But it should contain the option of Magento’s default customer types like Retailers, Wholesalers, and others. You need to fetch it from Magento and prepare the option of the drop-down.
15. Create a multi-select field with the label “Default categories”. It should visible only when “Enable Module” is set to yes/active. This field should also have a comment.  
    But it should contain the option of Magento’s categories name like Men, Women, and others. You need to fetch it from Magento and prepare the option of the Multi-Select.
16. Create a Textarea field with the label “Default Content”. It should visible only when “Enable Module” is set to yes/active. This field should also have a comment. It should have validation (Alphabet with space) (No numeric and other types of text/char acceptable)
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    Create a database table "supplier\_info".   
      
    id (int), supplier\_firstname (varchar), supplier\_lastname(varchar), supplier\_email(varchar), supplier\_mobile(varchar), supplier\_trustable(boolean), supplier\_gender(int), supplier\_categories (varchar),  supplier\_country (int), supplier\_state (int).  
      
    Add its model, resource model, and collection class.  
      
    Add Menu "Supplier" in the admin. Add submenu "Suppliers Data".  
      
    Sub menu "Suppliers Data" will show an Admin UI grid with the data of the "supplier\_info" table.  
      
    Admin UI Grid should have all these features: Full-text search, filters, "Add new supplier" button, mass action for delete, on click sort by column.   
      
    Create supplier form by Admin UI. Fields will be:  
       First Name (text field with validation)  
       Last Name (text field with validation)  
       Email (text field with validation)  
       Mobile Number (text field with validation)  
      Gender (dropdown with these options) [''=> '-- select --', '0'=> 'Other', '1'=> 'Male', '2'=> 'Female']  
       Trustable (dropdown with these options) [''=> '-- select --', '0'=> 'No', '1'=> 'Yes']  
       Trustable (dropdown with these options) [''=> '-- select --', '0'=> 'No', '1'=> 'Yes']  
       Assigned Categories: (Multiselect field with data of Magento's existing categories)  
       Country: (Dropdown field with data of Magento's existing Country)  
       City: (Dropdown field with data of Magento's existing City of the selected Country)  
      
       Button: Save and edit, Save and Reset  
      
    Save action should dispatch two events. before\_supplier\_save and after\_supplier\_save.