### **Developer Task: Modules Implementation**

**Objective**: Develop specified modules using ASP.NET Core MVC, EF Core, and MSSQL as part of a backend system. Focus on functionality over design, utilizing the default template for UI elements.

#### **Modules to be Implemented**

**Department/Sub-Departments Module**

**Description**: Create a module to manage departments and sub-departments.

**Features**:

Departments can contain multiple sub-departments.

Sub-departments can further contain sub-departments, creating a multi-level hierarchy.

Implement functionality to select a department/sub-department and display:

A list of all sub-departments within the selected department/sub-department

A list of all parent departments up to the top-level for the selected department/sub-department.

**Fields**:

Department Name

Department Logo

**Reminder Module**

**Description**: Develop a module to set reminders that trigger email notifications.

**Features**:

Set reminders with a title and specific date-time for sending an email notification.

**Fields**:

Title

Date-Time