



Module Code: SE1020

IT Number: IT24101551

Module Name: Object Oriented Programming

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Project Group: 42

- **Project Title:** Fitness Center Membership System

- **Component Name:** Admin Details Management

- **Description:**

The Admin Details Management is a core module of the Fitness Center Membership System designed to handle all administrative functions for user accounts with greater privileges. The module ensures only authorized personnel (e.g., system administrators) can perform fundamental operations such as creating, reading, updating, and deleting admin records. With those capabilities integrated, the system maintains security, accountability, and data integrity while streamlining administrative procedures.

- **Available CRUD Operations**

- **Create:** Add new admin users

Purpose: Register new administrators with the necessary privileges to manage the Fitness Center Membership System.

- **Read:** View existing admin user details

Purpose: Display a list of all registered admins for oversight and quick access.

- **Update:** Edit admin information

Purpose: Modify existing admin profiles to reflect changes (e.g., contact updates, corrections).

- **Delete:** Remove admin users

Purpose: Deactivate or permanently remove admin accounts

- Screenshots of Created User Interfaces

The screenshot shows a simple login interface titled "Enter Admin Login Details". It contains two input fields: "Email" and "Password", both with placeholder text "Email:" and "Password:". Below the fields is a blue "Login" button.

Figure 1: Admin login details page (Read)

The screenshot shows an "Admin Dashboard - Admin Details" page. At the top, there's a search bar and several input fields for filtering: "ID", "Name", "Email", "Contact Number", "Address", "Gender", and a date picker set to "mm/dd/yyyy". Below these is a blue "Add Admin" button. A table lists three admin entries:

ID	Name	Email	Contact Number	Address	Gender	Joining Date	Action
1	John Doe	john@admin.com	0711234567	123 Main Street	Male	2023-02-15	<button>Delete</button>
2	Jane Smith	jane@admin.com	0727654321	45 Queen Road	Female	2024-06-01	<button>Delete</button>
3	Kuylini	kuylini@gamil.com	077 5122790	99/4 malabé road kaduwela	Female	2023-12-31	<button>Delete</button>

Figure 2: Admin details creation page (Create)

The screenshot shows an "Admin Dashboard - Admin Details" page. The layout is identical to Figure 2, featuring a search/filter section and a table listing three admin entries. The table data is the same as in Figure 2.

Figure 3: Admin details deletion page (Delete)

The screenshot shows an "Admin Dashboard - Admin Details" page. The layout is identical to Figure 2 and Figure 3. The table lists three admin entries. In the "Action" column for each entry, there are now two buttons: "Edit" (yellow) and "Delete" (red).

Figure 4: Admin update/edit page (Update)