**Setup Steps:**

**Step-1 : Initial Project Setup**

1. Open Visual Studio 2022.
2. Select “Create a New Project”.
3. Choose the Template as “ASP.NET Core Web App (Model-View-Controller)” and Click “Next”.
4. Name the Project as “Expense\_Tracker”

**Step-2 : Model Class**

1. Create an Expense.cs class in the Model Folder.

**Step-3 : Controller and Views**

1. Create an Entity Framework Controller →Pass the ExpensesModel → Add the Context → Select SQL Server → Click “Next”.
2. Right-click on Controllers folder →Add→New Scaffolded Item

* Choose: “**MVC Controller with views, using Entity Framework**” and Name the Controller as “Expenses”
* Model Class: Expense.cs
* Data Context Class: ApplicationDbContext

**Step-4 : Database Migration**

1. Go to Tools → NuGet Packager Manager → Open Package Manager Console → Execute these 2 commands:-

* Add-Migration InitialCreate
* Update-Database

**Step-5 : Verify Database**

1. Open SQL Object Explorer → SQL Server → MS SQL Localdb → Database → ExpenseTracker\_Context → Tables → dbo.Expense → Right click → View Data.

**User Manual:**

1. **Add Expense**

\*.Open the Expense Tracker web application.

\*.Click on the "Add Expense" button on the homepage.

\*. Fill in the expense details like Title, Amount, Category, and Date in the form.

\*.Click the "Add" button to add the expense.

1. **Edit Expense**

**\*.N**avigate to the "List of Expenses" page from the main menu.

\*.Locate the expense you want to modify and click the **"Edit"** button next to it.

\*.The Edit Expense form will appear with the existing details filled in.

\*.Update the desired fields such as Title, Amount, Category, or Date.

\*.Click the **"Save"** button to apply the changes.

1. **Delete Expense**

\*.Open the Expense Tracker application and go to the "List of Expenses" page.

\*.Locate the expense entry you want to delete from the list.

\*.Click the "Delete" button next to that expense.

\*.A confirmation message will appear asking "Are you sure you want to delete this?"

\*.Click "Yes" to confirm, and the selected expense will be permanently deleted.

1. **Filter Expenses**

\*.Go to the Expense List page in the application.

\*.Locate the filter options.

\*.Select the desired category from the dropdown list.

\*.Choose a specific date or date range if needed.

\*.Click the "Filter" button to view the filtered expense results