PHASE 3 Project:

**Own Your Laptop – An E-commerce Website to sell / manage /purchase Laptop**

**Problem Statement:**

An existing retail company, Digital Retailers Inc, wants to take their business online and create an e-commerce portal that will enable people to purchase laptops online. They like to prototype new projects quickly using Agile methods and hence want to avoid a long requirement capture stage. They want to keep track of their codebase using Git so that multiple developers can work on it as required.

**Program Logic:**

1. The project is implemented using Visual Studio 2019 with ASP.net Entity Framework and MVC Patterns while using SQL DMS running on version 18.9.2.

2. Used Identity Method to authorize and authenticate users via the sql db.

3. Created Accounts Controller to manage with Admin, Seller and Buyer Accounts and created respected Models and Views for them.

4. Used Entity Framework Approach to automatically generate the code to perform CRUD Operations on the Database.

5. Used razor Views to automatically generate views for Login, Register and many other creation of .cshtml files.

6. Separate View page was created to make user page attractive using cards.

7. Checkout and Success page views were created.

8. Code-first Approach is followed here, and respective migrations were done followed by updating database.

**Features in the project:**

**Admin:**

1. Admin has privileges to do CRUD Operations on the database.

2. CRUD Operations are performed on the Laptop Database created on the local machine.

**Buyer:**

1.Buyer can register for the first time and login accordingly using his/her credentials.

2.Buyer can view the laptops available for sale and can find the details of the respective laptops.

3.Can buy the laptop which takes to payment page for order completion.

**Seller:**

1.Seller can login with the credentials.

2. Can add or delete laptops hence can perform CRUD operations.

**Screenshots:**

Home Page :

Graphical user interface, text, application

Description automatically generated

Admin Login Page :

Graphical user interface, application

Description automatically generated

Admin View :

A screenshot of a computer

Description automatically generated with medium confidence

Admin Create New :

Graphical user interface, text, application

Description automatically generated

Admin Edit:

A screenshot of a computer

Description automatically generated

Seller Login page:

Graphical user interface, application

Description automatically generated

Seller View

Graphical user interface, text, application

Description automatically generated

Buyer Login or Register Page

Graphical user interface, application

Description automatically generated

Buyer View

Graphical user interface, website

Description automatically generated

Laptop Details

A screenshot of a computer

Description automatically generated

Billing Details Page

Graphical user interface, application

Description automatically generated

Payment Page

Graphical user interface, text, application

Description automatically generated

Order Confirmation

Graphical user interface, text, application

Description automatically generated

Database Screenshots

Text

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

Thank You!!