

OUTPUT SCREENSHOTS

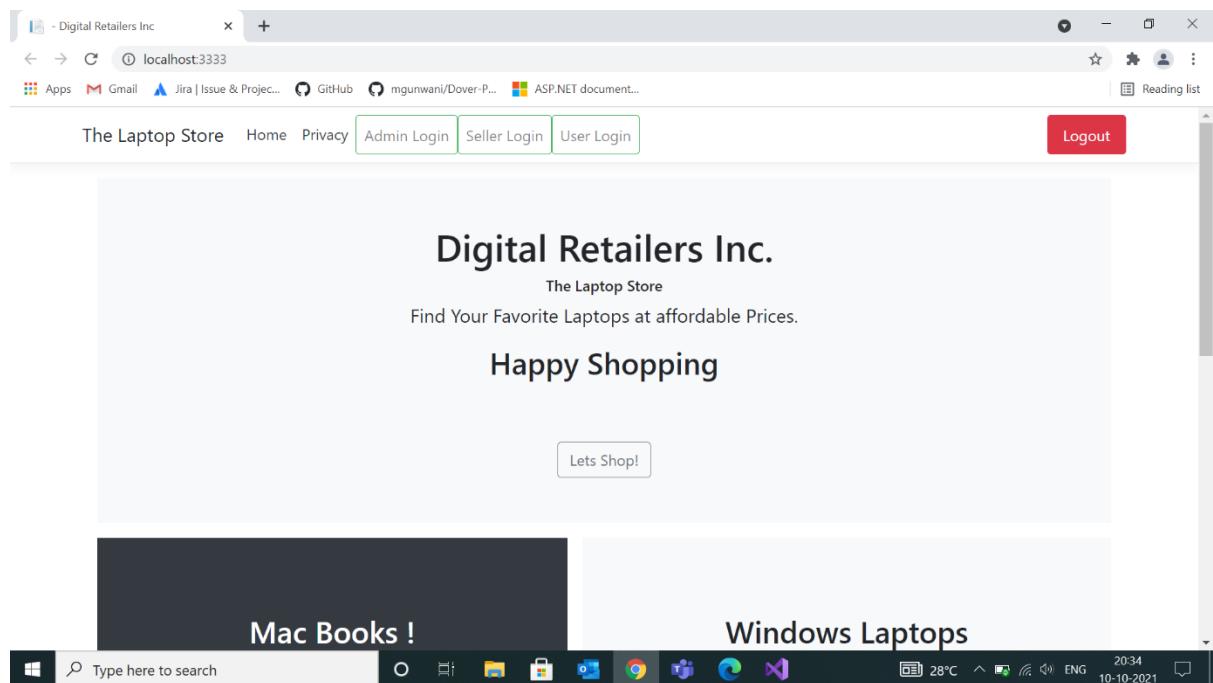


Fig1: Introduction Page

ADMIN PAGE:

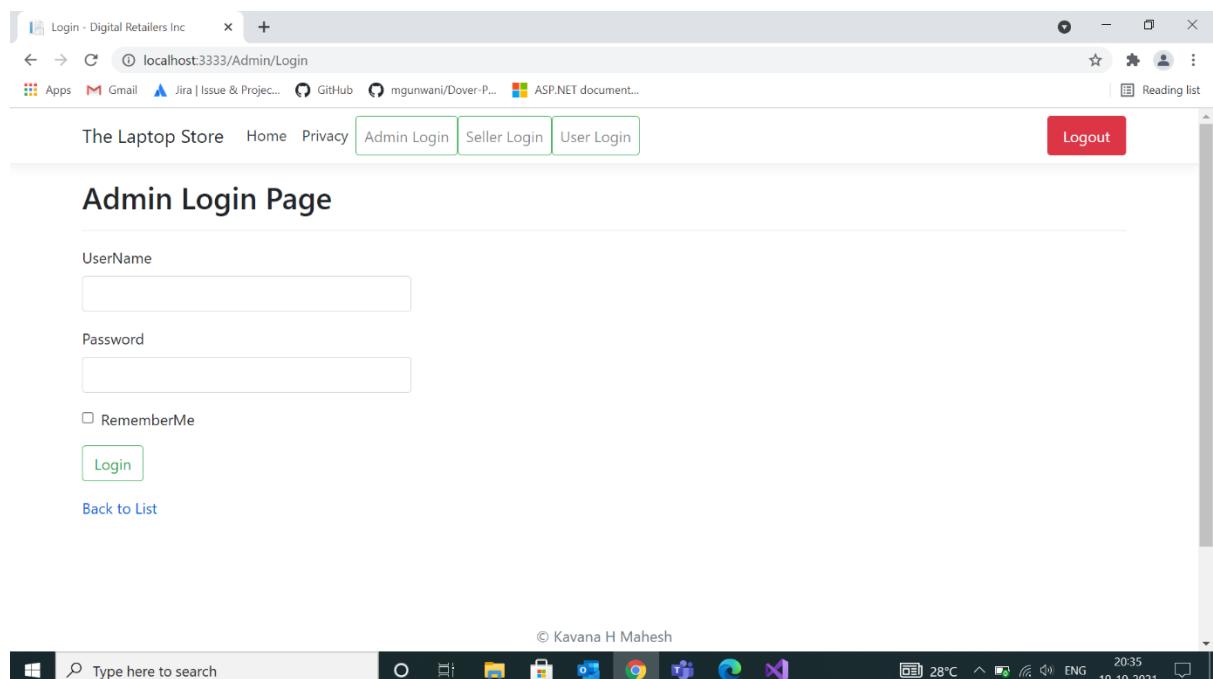


Fig2: Admin Login Page

The Laptop Store Home Privacy Admin Login Seller Login User Login Logout

Manage your Website

Create New

Title	Description	Price	ImageUrl
HP Laptop 14s-dq2535TU	11th Generation Intel® Core™ i5 processor Windows 10 Home 64 35.56 cm (14") diagonal, HD (1366 x 768), micro-edge, BrightView, 250 nits, 45% NTSC 8 GB DDR4-2666 MHz RAM (2 x 4 GB) 512 GB PCIe® NVMe™ M.2 SSD Do more from anywhere. All-day long. Intel® Iris® Xe Graphics 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo Up to 9 hours 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.	58499	
HP Spectre x360 Convertible 14-ea0077TU	Intel® Evo™ platform featuring 11th Generation Intel® Core™ i7 processor with Intel® Iris® Xe graphics Windows 10 Pro 64 34.3 cm (13.5") diagonal, 3K2K (3000 x 2000), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% DCI-P3, 3:2 screen with 90.33% screen-to-body ratio 16 GB LPDDR4-3200 SDRAM (onboard) 1 TB PCIe® NVMe™ TLC M.2 SSD	174999	

localhost:3333/Admin/Login

Type here to search

28°C ENG 20:41 10-10-2021

Fig3: Admin Dashboard Page

TO ADD NEW LAPTOP:

The Laptop Store Home Privacy Admin Login Seller Login User Login Logout

Manage your Website

Create New

HP Laptop 14s-dq2535TU

HP Spectre x360 Convertible 14-ea0077TU

localhost:3333/Admin/Login

Type here to search

28°C ENG 20:41 10-10-2021

Fig4: Click on Create

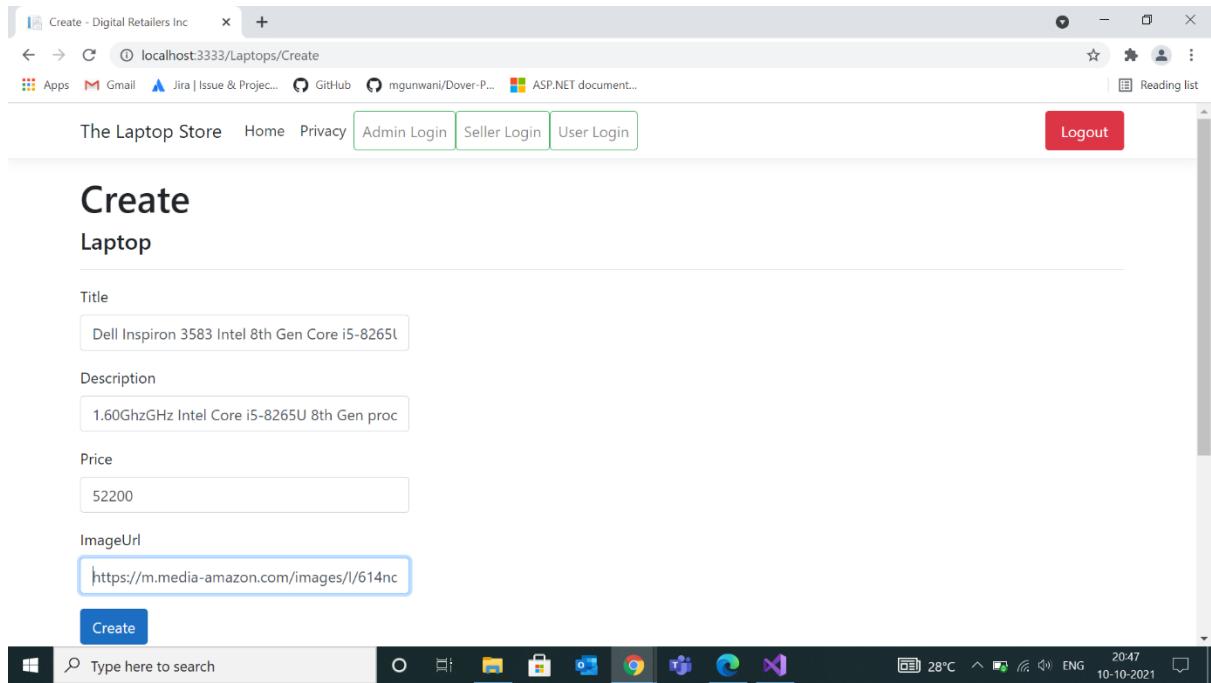


Fig5: Add Needed Information of Laptop and Click on Create(Dell Inspiron 3583 Intel 8th Gen Core i5-8265U)

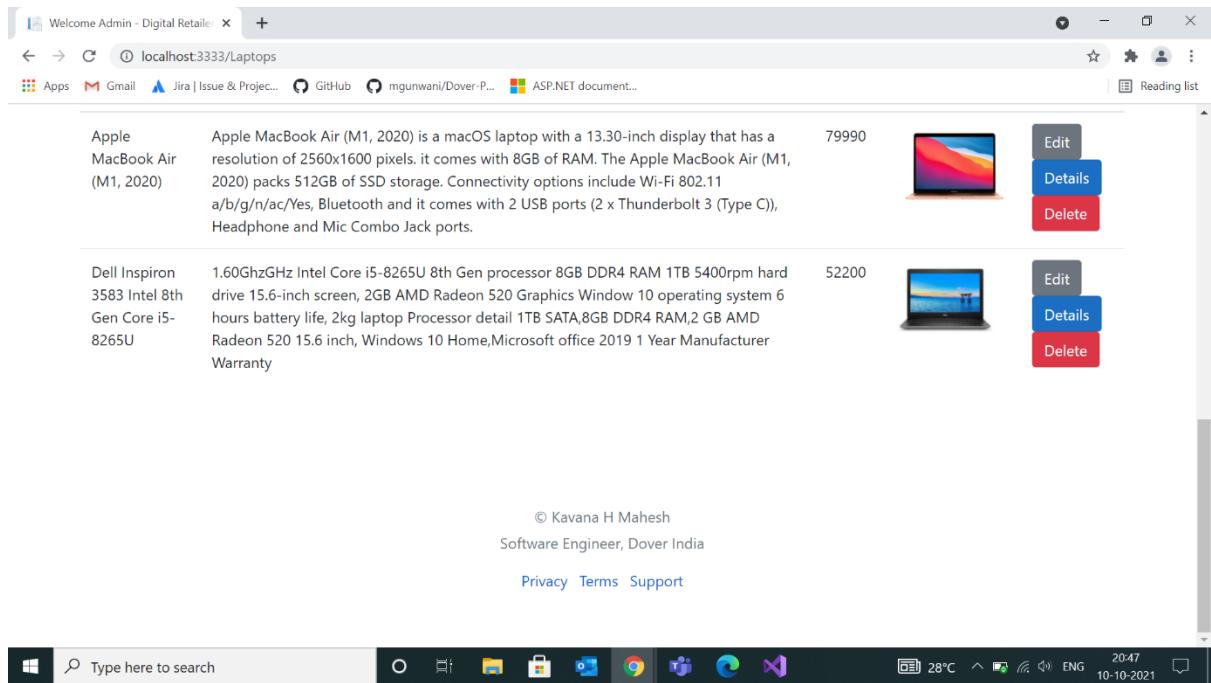


Fig6: Dell Inspiron Laptop is Added as shown

TO EDIT ANY DETAILS OF THE LAPTOP

The screenshot shows a web browser window titled "Welcome Admin - Digital Retailer". The URL is "localhost:3333/Laptops". The page displays a list of two laptops:

Brand Model	Description	Price	Image	Action Buttons
Apple MacBook Air (M1, 2020)	Apple MacBook Air (M1, 2020) is a macOS laptop with a 13.3-inch display that has a resolution of 2560x1600 pixels. It comes with 8GB of RAM. The Apple MacBook Air (M1, 2020) packs 512GB of SSD storage. Connectivity options include Wi-Fi 802.11 a/b/g/n/ac/Yes, Bluetooth and it comes with 2 USB ports (2 x Thunderbolt 3 (Type C)), Headphone and Mic Combo Jack ports.	79990		Edit Details Delete
Dell Inspiron 3583 Intel 8th Gen Core i5-8265U	1.60GHz Intel Core i5-8265U 8th Gen processor 8GB DDR4 RAM 1TB 5400rpm hard drive 15.6-inch screen, 2GB AMD Radeon 520 Graphics Windows 10 operating system 6 hours battery life, 2kg laptop Processor detail 1TB SATA, 8GB DDR4 RAM, 2 GB AMD Radeon 520 15.6 inch, Windows 10 Home, Microsoft office 2019 1 Year Manufacturer Warranty	52200		Edit Details Delete

At the bottom of the page, there is copyright information and links to Privacy, Terms, and Support.

Fig7: To Edit the Dell Inspiron Laptop's Price from 52200 to 58200

The screenshot shows a web browser window titled "Edit - Digital Retailers Inc". The URL is "localhost:3333/Laptops/Edit/7". The page has a header with "The Laptop Store", "Home", "Privacy", "Admin Login", "Seller Login", "User Login", and a "Logout" button.

The main content area is titled "Edit Laptop". It contains the following form fields:

- Title: Dell Inspiron 3583 Intel 8th Gen Core i5-8265U
- Description: 1.60GHz Intel Core i5-8265U 8th Gen proc
- Price: 58200
- ImageUrl: <https://m.media-amazon.com/images/I/6114nc>

At the bottom left is a "Save" button, and at the bottom right is a "Logout" button.

Fig8: Price is Edited as shown then click on Save

Apple MacBook Air (M1, 2020)	Apple MacBook Air (M1, 2020) is a macOS laptop with a 13.3-inch display that has a resolution of 2560x1600 pixels. It comes with 8GB of RAM. The Apple MacBook Air (M1, 2020) packs 512GB of SSD storage. Connectivity options include Wi-Fi 6, a/b/g/n/ac/Yes, Bluetooth, and it comes with 2 USB ports (2 x Thunderbolt 3 (Type C)), Headphone and Mic Combo Jack ports.	79990		Edit	Details	Delete
Dell Inspiron 3583 Intel 8th Gen Core i5-8265U	1.6GHz Intel Core i5-8265U 8th Gen processor 8GB DDR4 RAM 1TB 5400rpm hard drive 15.6-inch screen, 2GB AMD Radeon 520 Graphics Windows 10 operating system 6 hours battery life, 2kg laptop Processor detail 1TB SATA, 8GB DDR4 RAM, 2 GB AMD Radeon 520 15.6 inch, Windows 10 Home, Microsoft office 2019 1 Year Manufacturer Warranty	58200		Edit	Details	Delete

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Type here to search 28°C 10-10-2021

Fig9: Update is added as shown

TO VIEW THE DETAILS

HP Laptop 14s-dq2535TU

Price : ₹58499

Description : 11th Generation Intel® Core™ i5 processor Windows 10 Home 64.35.56 cm (14") diagonal. HD (1366 x 768) micro-edge. BrightView. 250 nits. 45% NTSC. 8 GB DDR4-2666 MHz RAM (2 x 4 GB). 512 GB PCIe® NVMe™ M.2 SSD. Do more from anywhere. All-day long. Intel® Iris® X Graphics 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo Up to 9 hours 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain

Type here to search 28°C 10-10-2021

Fig10: Click on Details to view the details of respective Laptops

TO DELETE A LAPTOP

The screenshot shows a web application titled "Welcome Admin - Digital Retailer" at the URL localhost:3333/Laptops. The page displays two laptop products:

Product	Description	Price	Image	Action Buttons
Apple MacBook Air (M1, 2020)	Apple MacBook Air (M1, 2020) is a macOS laptop with a 13.3-inch display that has a resolution of 2560x1600 pixels. It comes with 8GB of RAM. The Apple MacBook Air (M1, 2020) packs 512GB of SSD storage. Connectivity options include Wi-Fi 802.11 a/b/g/n/ac/Yes, Bluetooth and it comes with 2 USB ports (2 x Thunderbolt 3 (Type C)), Headphone and Mic Combo Jack ports.	79990		Edit Details Delete
Dell Inspiron 3583 Intel 8th Gen Core i5-8265U	1.60GHz Intel Core i5-8265U 8th Gen processor 8GB DDR4 RAM 1TB 5400rpm hard drive 15.6-inch screen, 2GB AMD Radeon 520 Graphics Windows 10 operating system 6 hours battery life, 2kg laptop Processor detail 1TB SATA,8GB DDR4 RAM,2 GB AMD Radeon 520 15.6 inch, Windows 10 Home,Microsoft office 2019 1 Year Manufacturer Warranty	58200		Edit Details Delete

At the bottom of the page, there is copyright information and navigation links:

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The browser's taskbar at the bottom shows various pinned apps and the current date and time: 20:47, 10-10-2021.

Fig11: Click on Delete to Remove the Laptop(Deleting Dell Inspiron Laptop)

The screenshot shows a web application titled "Delete - Digital Retailers Inc" at the URL localhost:3333/Laptops/Delete/7. The page displays a confirmation message for deleting a laptop:

Delete
Are you sure you want to delete this?
Laptop

Product details:

Title	Dell Inspiron 3583 Intel 8th Gen Core i5-8265U
Description	1.60GHz Intel Core i5-8265U 8th Gen processor 8GB DDR4 RAM 1TB 5400rpm hard drive 15.6-inch screen, 2GB AMD Radeon 520 Graphics Windows 10 operating system 6 hours battery life, 2kg laptop Processor detail 1TB SATA,8GB DDR4 RAM,2 GB AMD Radeon 520 15.6 inch, Windows 10 Home,Microsoft office 2019 1 Year Manufacturer Warranty
Price	58200
ImageUrl	https://m.media-amazon.com/images/I/614nqnc5jDL._SL1010_.jpg

Buttons at the bottom:

[Delete](#) | [Back to Product Page](#)

The browser's taskbar at the bottom shows various pinned apps and the current date and time: 20:49, 10-10-2021.

Fig12: Click on Delete to confirm.

The screenshot shows a list of laptops on a website. The first item is a Lenevo ThinkBook 14 Gen 2 (Intel) with ID 58103, which has been deleted. The second item is an Apple MacBook Air (M1, 2020) with ID 79990, which is still listed. Both items have 'Edit', 'Details', and 'Delete' buttons next to them. The page footer includes copyright information and links to Privacy, Terms, and Support.

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Fig13: Dell Inspiron Laptop is Deleted

SELLER

The screenshot shows the Seller Login Page. It features a header with 'The Laptop Store', 'Home', 'Privacy', 'Admin Login' (highlighted in green), 'Seller Login' (highlighted in green), 'User Login', and a 'Logout' button. Below the header is a 'Seller Login Page' section with the text 'Welcome Back Seller!'. It contains fields for 'UserName' and 'Password', a 'RememberMe' checkbox, and a 'Login' button. At the bottom left is a 'Back to List' link. The page is set against a Windows desktop background with taskbar icons and system status.

Fig14: Seller Login Page

The screenshot shows a web browser window titled "Welcome Seller - Digital Retailers". The URL is "localhost:3333/Laptops/SellerIndex?uname=Seller1". The page header includes links for "Admin Login", "Seller Login" (which is highlighted in green), and "User Login". A "Logout" button is also present. The main content area is titled "Manage your Products" and features a "Create New" button. Below this, there is a table listing two laptop products:

Title	Description	Price	ImageUrl
HP Laptop 14s-dq2535TU	11th Generation Intel® Core™ i5 processor Windows 10 Home 64 35.56 cm (14") diagonal, HD (1366 x 768), micro-edge, BrightView, 250 nits, 45% NTSC 8 GB DDR4-2666 MHz RAM (2 x 4 GB) 512 GB PCIe® NVMe™ M.2 SSD Do more from anywhere. All-day long. Intel® Iris® Xe Graphics 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo Up to 9 hours 1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.	58499	
HP Spectre x360 Convertible 14-ea0077TU	Intel® Evo™ platform featuring 11th Generation Intel® Core™ i7 processor with Intel® Iris® Xe graphics Windows 10 Pro 64 34.3 cm (13.5") diagonal, 3K2K (3000 x 2000), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% DCI-P3, 3:2 screen with 90.33% screen-to-body ratio 16 GB LPDDR4-3200 SDRAM (onboard) 1 TB PCIe® NVMe™ TLC M.2 SSD	174999	

At the bottom of the page, there is a search bar with "localhost:3333/Seller/Login" and a taskbar with various icons.

Fig15: Seller Dashboard

TO ADD A NEW LAPTOP (same steps as admin)

The screenshot shows a web browser window titled "Create - Digital Retailers Inc". The URL is "localhost:3333/Laptops/Create". The page header includes links for "Admin Login", "Seller Login" (highlighted in green), and "User Login". A "Logout" button is also present. The main content area is titled "Create Laptop". It contains several input fields:

- Title:** Dell G15 Gaming Laptop
- Description:** 10th Generation Intel® Core™ i5-10200H (8M)
- Price:** 85480
- ImageUrl:** <https://m.media-amazon.com/images/I/614nc>

A blue "Create" button is located at the bottom left of the form. At the bottom of the page, there is a search bar with "localhost:3333/Seller/Login" and a taskbar with various icons.

Fig16: Adding Dell G15 Gaming Laptop

localhost:3333/Laptops

Laptop Model	Description	Price	Actions
HP Spectre x360 Convertible 14-ea0077TU	Intel® Evo™ platform feat 11th Generation Intel® Core™ i7 processor with Intel® Iris® Xe graphics Windows 10 Pro 64 34.3 cm (13.5") diagonal, 3K (3000 x 2000), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% DCI-P3, 3.2 screen with 90.33% screen-to-body-ratio 16 GB LPDDR4-3200 SDRAM (onboard) 1 TB PCIe® NVMe™ TLC M.2 SSD Intelligence that adapts to you Integrated 2 Thunderbolt™ 4 with USB4™ Type-C™ 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo 1 year limited parts and labour	174999	Edit Details Delete
Lenevo ThinkBook 14 Gen 2 (Intel)	1. USB-C 3.1 Gen 2 (USB/DP/PD) 2. Thunderbolt™ 4 3. HDMI 4. USB-A 3.0 Gen 1 (always on) 5. Headphone / mic combo 6. Novo hole 7. Battery indicator 8. 4-in-1 card reader (SD/SDHC/SDXC/MMC) 9. USB-A 3.0 Gen 1 10. RJ45 11. Kensington NanoSaver™ lock slot	58103	Edit Details Delete
Apple MacBook Air (M1, 2020)	Apple MacBook Air (M1, 2020) is a macOS laptop with a 13.30-inch display that has a resolution of 2560x1600 pixels. It comes with 8GB of RAM. The Apple MacBook Air (M1, 2020) packs 512GB of SSD storage. Connectivity options include Wi-Fi 802.11 a/b/g/ac/Yes, Bluetooth and it comes with 2 USB ports (2 x Thunderbolt 3 (Type C)). Headphone and Mic Combo Jack ports.	79990	Edit Details Delete
Dell G15 Gaming Laptop	10th Generation Intel® Core™ i5-10200H (8MB Cache, up to 4.1 GHz, 4 cores) laptop Windows 10 Home Single Language, English videocard NVIDIA® GeForce RTX™ 3050 4GB GDDR6 memory 16GB, 2x8GB, DDR4, 2933MHz harddrive 512GB M.2 PCIe NVMe Solid State Drive color Dark Shadow Grey Ports & Slots	85490	Edit Details Delete

localhost:3333/Laptops/Delete/3

Fig17: Laptop Added as shown

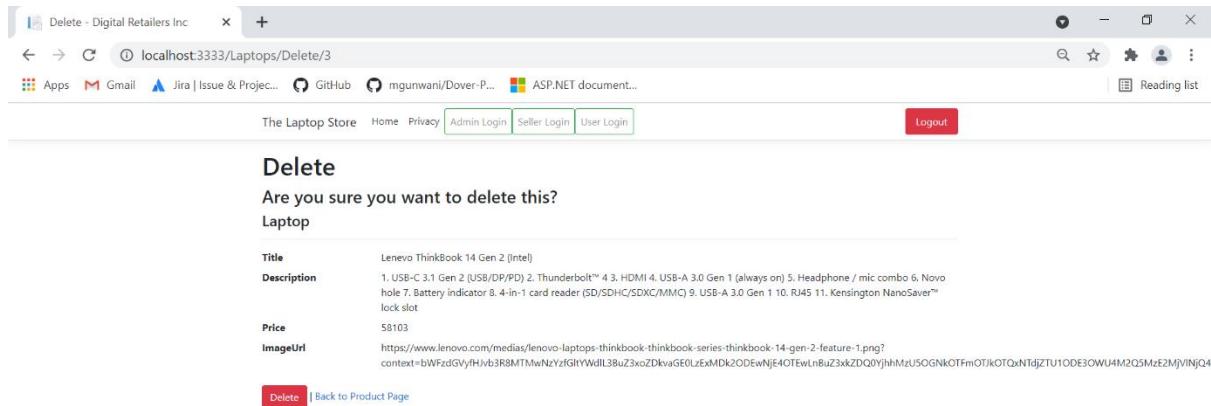
TO DELETE A LAPTOP

localhost:3333/Laptops

Laptop Model	Description	Price	Actions
HP Spectre x360 Convertible 14-ea0077TU	Intel® Evo™ platform feat 11th Generation Intel® Core™ i7 processor with Intel® Iris® Xe graphics Windows 10 Pro 64 34.3 cm (13.5") diagonal, 3K (3000 x 2000), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% DCI-P3, 3.2 screen with 90.33% screen-to-body-ratio 16 GB LPDDR4-3200 SDRAM (onboard) 1 TB PCIe® NVMe™ TLC M.2 SSD Intelligence that adapts to you Integrated 2 Thunderbolt™ 4 with USB4™ Type-C™ 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo 1 year limited parts and labour	174999	Edit Details Delete
Lenevo ThinkBook 14 Gen 2 (Intel)	1. USB-C 3.1 Gen 2 (USB/DP/PD) 2. Thunderbolt™ 4 3. HDMI 4. USB-A 3.0 Gen 1 (always on) 5. Headphone / mic combo 6. Novo hole 7. Battery indicator 8. 4-in-1 card reader (SD/SDHC/SDXC/MMC) 9. USB-A 3.0 Gen 1 10. RJ45 11. Kensington NanoSaver™ lock slot	58103	Edit Details Delete
Apple MacBook Air (M1, 2020)	Apple MacBook Air (M1, 2020) is a macOS laptop with a 13.30-inch display that has a resolution of 2560x1600 pixels. It comes with 8GB of RAM. The Apple MacBook Air (M1, 2020) packs 512GB of SSD storage. Connectivity options include Wi-Fi 802.11 a/b/g/ac/Yes, Bluetooth and it comes with 2 USB ports (2 x Thunderbolt 3 (Type C)). Headphone and Mic Combo Jack ports.	79990	Edit Details Delete
Dell G15 Gaming Laptop	10th Generation Intel® Core™ i5-10200H (8MB Cache, up to 4.1 GHz, 4 cores) laptop Windows 10 Home Single Language, English videocard NVIDIA® GeForce RTX™ 3050 4GB GDDR6 memory 16GB, 2x8GB, DDR4, 2933MHz harddrive 512GB M.2 PCIe NVMe Solid State Drive color Dark Shadow Grey Ports & Slots	85490	Edit Details Delete

localhost:3333/Laptops/Delete/3

Fig18: To delete Lenevo Laptop click on delete



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Fig19: Click on Delete to confirmly delete a laptop

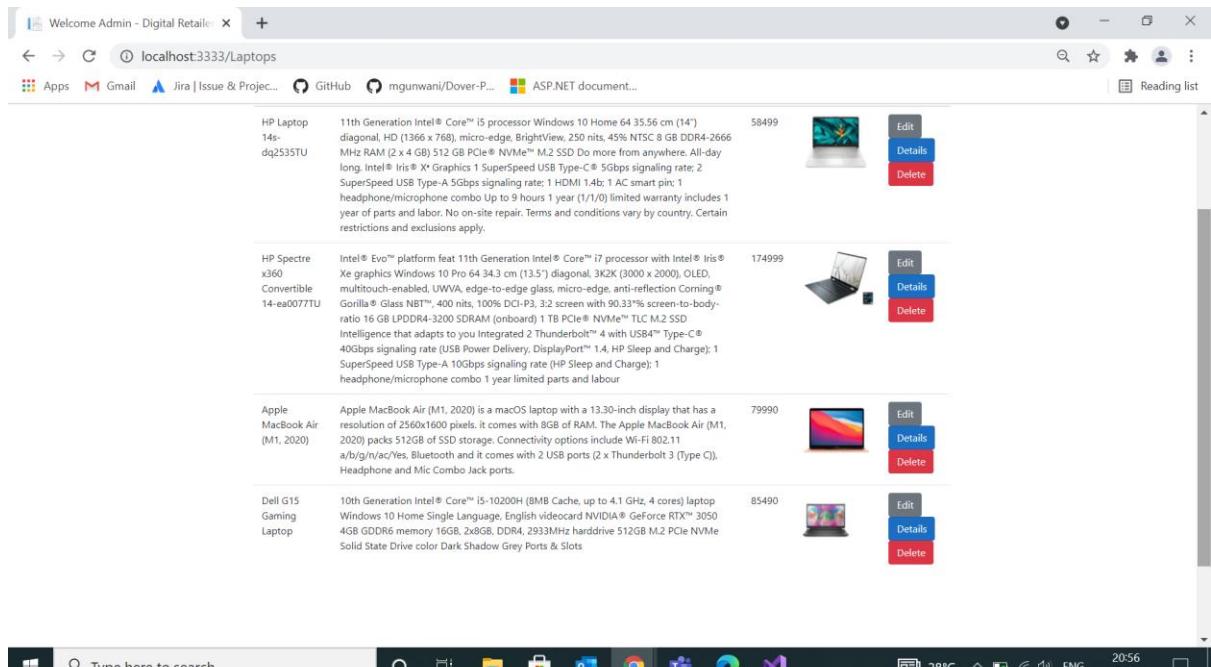


Fig20: Lenevo Laptop is deleted as shown

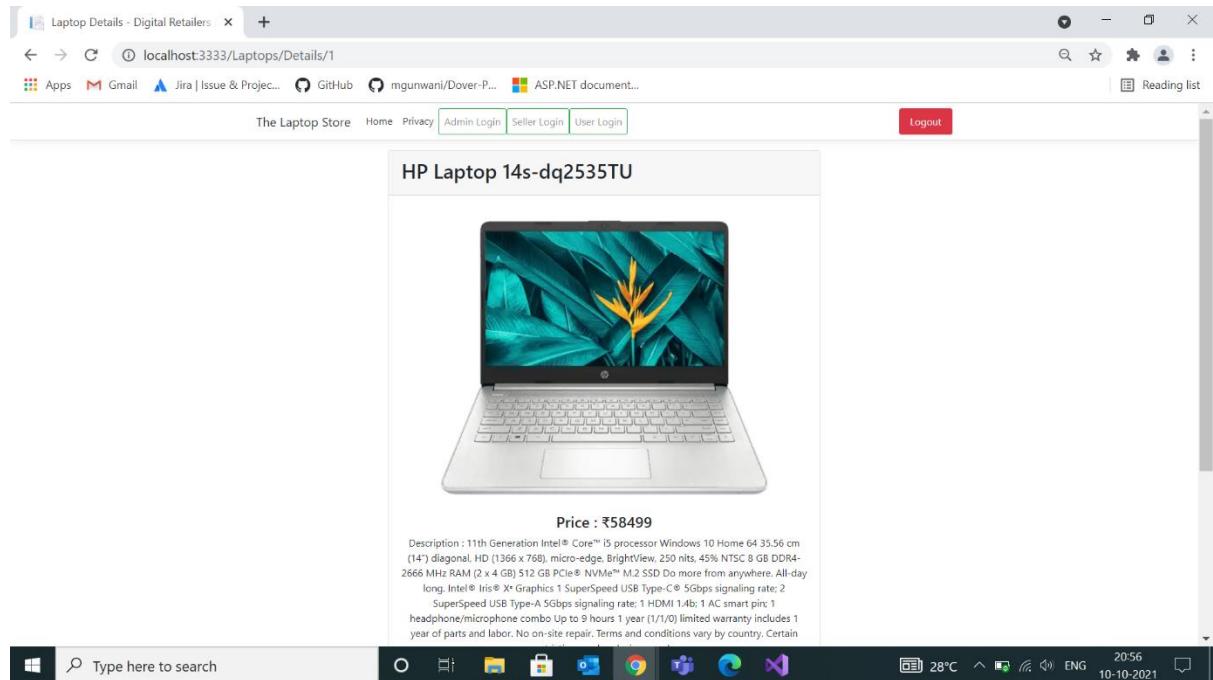


Fig21: To View the Details

USER

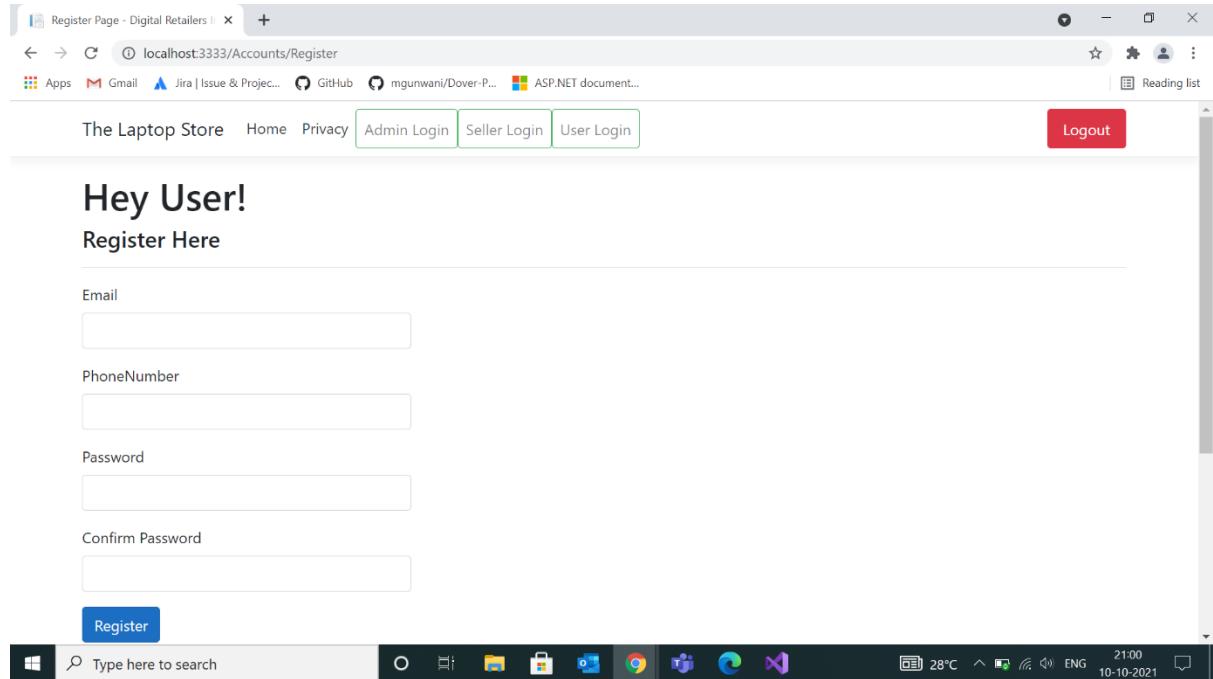


Fig22: User Register Page

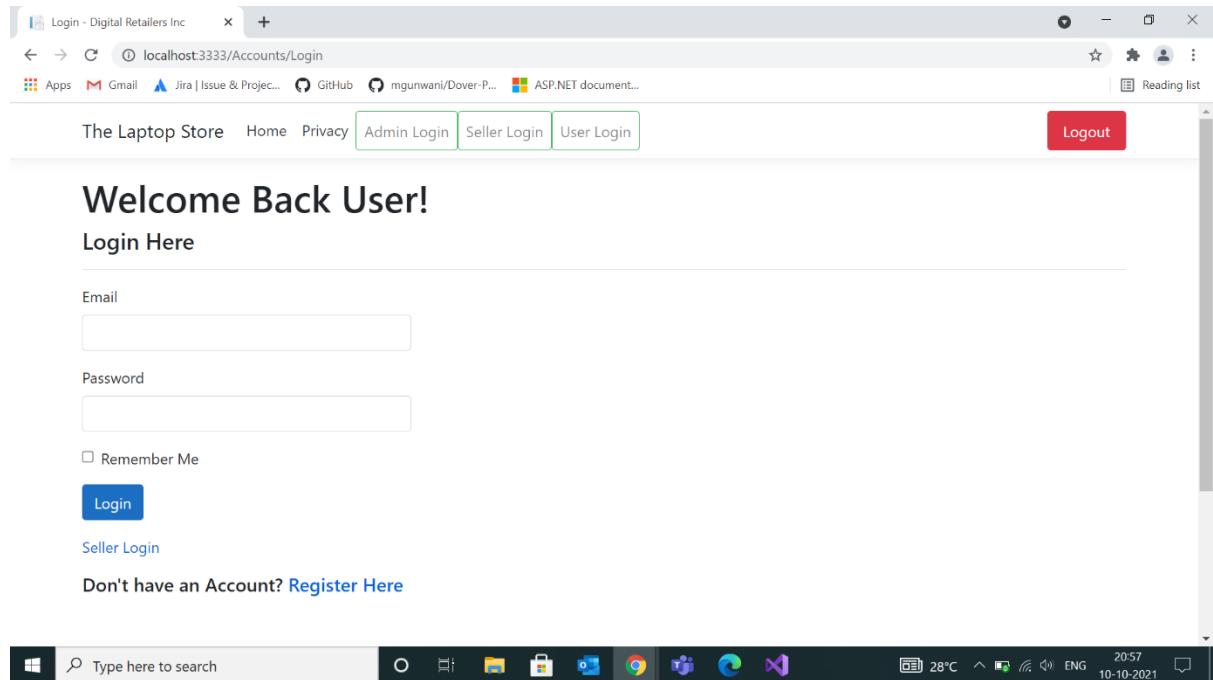


Fig23: User Login Page

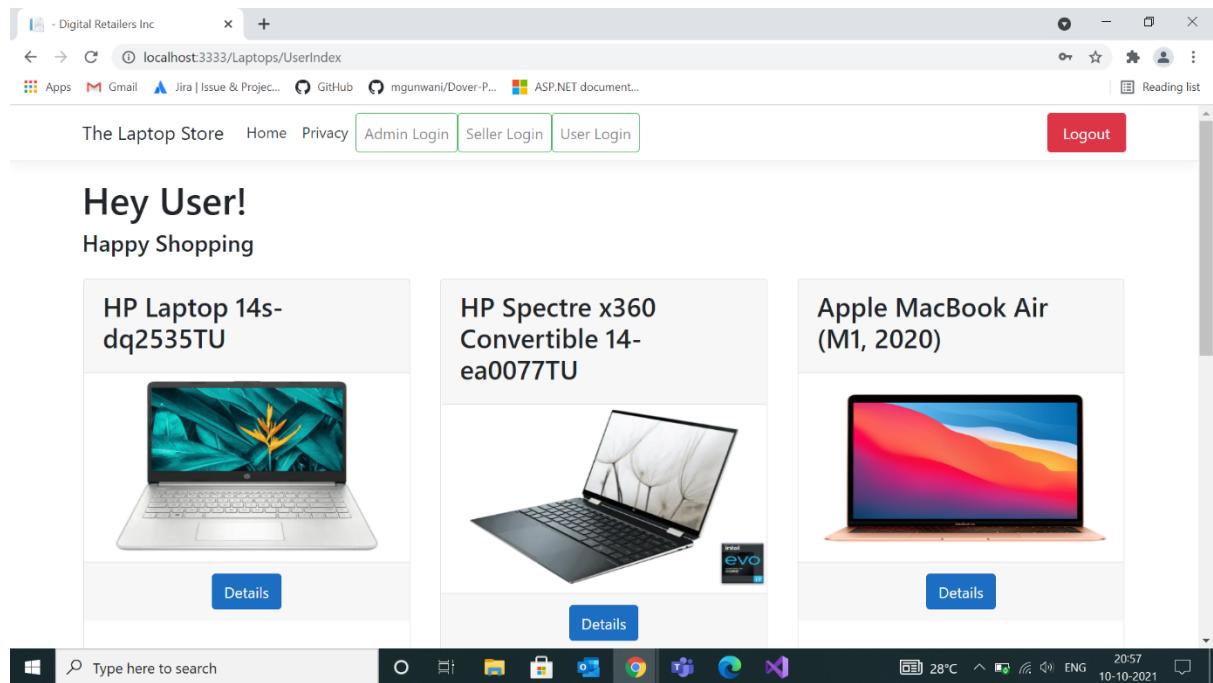


Fig24: User Dashboard Page

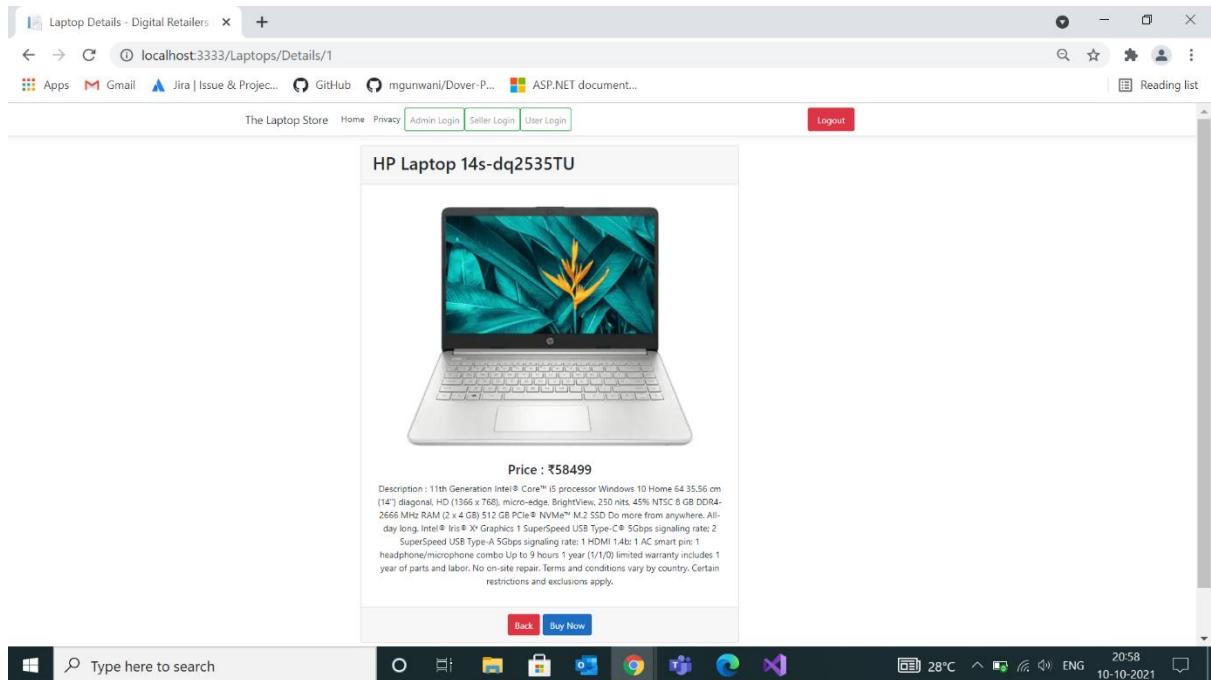


Fig25: To view detailed description about the laptop to buy click on Buy

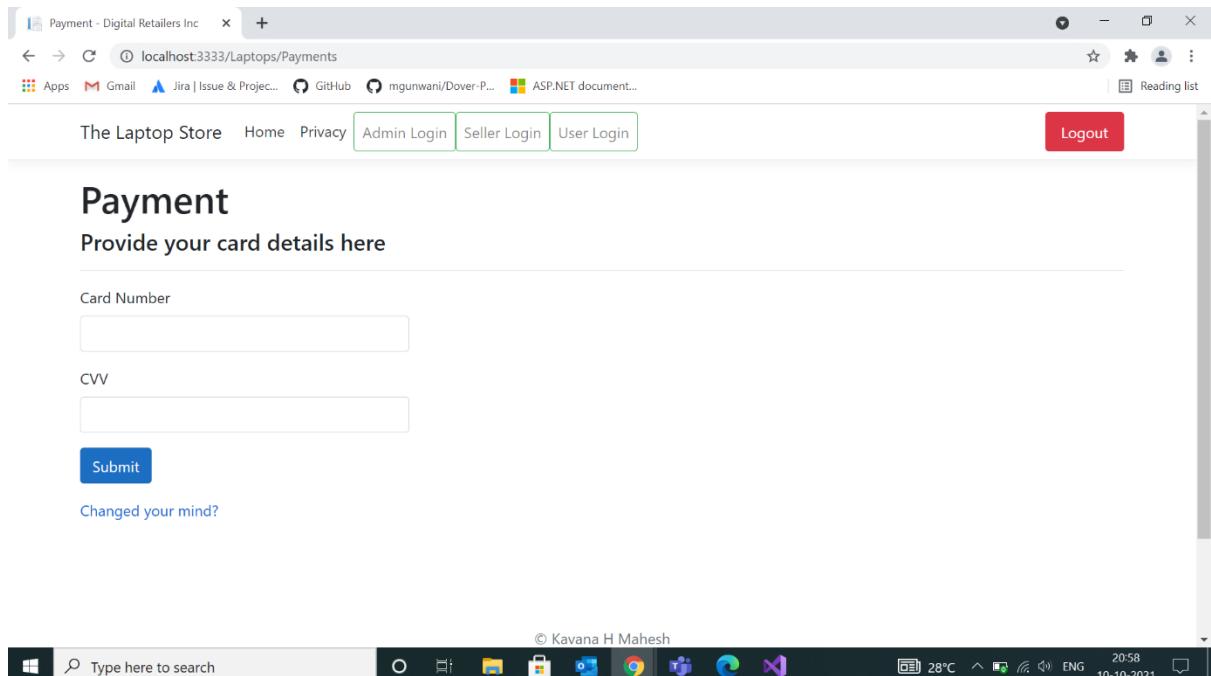


Fig26: Checkout Page

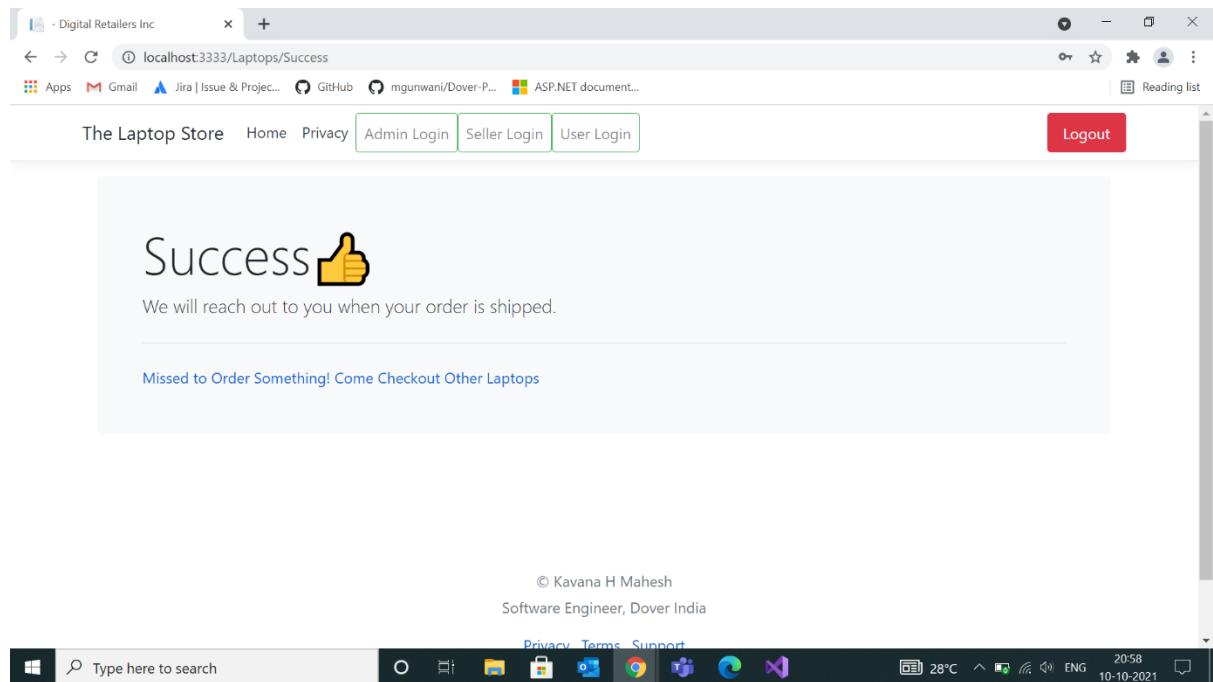


Fig27: Order placed successful

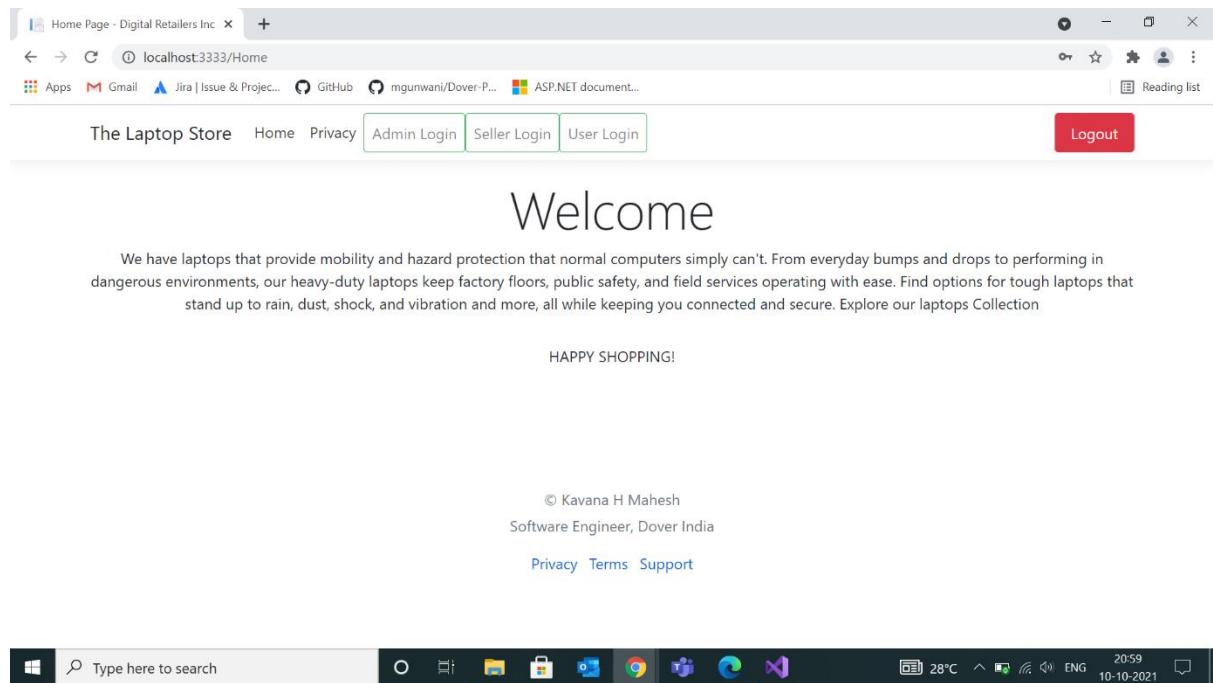


Fig28: Home Page

DATABASE SNAPS

The screenshot shows the SSMS interface with the following details:

- File Bar:** File, Edit, View, Query, Project, Tools, Window, Help.
- Toolbar:** Standard toolbar with icons for New Query, Execute, Save, etc.
- Object Explorer:** Shows the database structure for 'LaptopStore' including Tables, Views, Synonyms, Programmability, Service Broker, Storage, Security, and Project.
- Query Editor:** A query window titled 'SQLQuery1.sql - H...BAL\11035900 (57)*'. The query is:


```
select * from [dbo].[AspNetUsers];
```
- Results Grid:** Displays the results of the query. The columns are: Id, UserName, NormalizedUserName, Email, NormalizedEmail, EmailConfirmed, and PasswordHash. There are two rows of data.
- Messages:** Shows the message 'Query executed successfully.'
- Status Bar:** Shows the session information: H5CG125CXF2 (15.0 RTM) | DOVER-GLOBAL\11035900 ... LaptopStore 00:00:00 | 2 rows.
- Taskbar:** Shows the Windows taskbar with various pinned icons and the system tray indicating 28°C, ENG, and the date/time 10-10-2021.

Fig29: Users

The screenshot shows the SSMS interface with the following details:

- File Bar:** File, Edit, View, Query, Project, Tools, Window, Help.
- Toolbar:** Standard toolbar with icons for New Query, Execute, Save, etc.
- Object Explorer:** Shows the database structure for 'LaptopStore' including Tables, Views, Synonyms, Programmability, Service Broker, Storage, Security, and Project.
- Query Editor:** A query window titled 'SQLQuery1.sql - H...BAL\11035900 (57)*'. The query is:


```
select * from [dbo].[Laptop];
```
- Results Grid:** Displays the results of the query. The columns are: Id, Title, Description, Price, and ImageUrl. There are four rows of data.
- Messages:** Shows the message 'Query executed successfully.'
- Status Bar:** Shows the session information: H5CG125CXF2 (15.0 RTM) | DOVER-GLOBAL\11035900 ... LaptopStore 00:00:00 | 4 rows.
- Taskbar:** Shows the Windows taskbar with various pinned icons and the system tray indicating 28°C, ENG, and the date/time 10-10-2021.

Fig30: Laptops