Computer Shop Management System

SUBMITED BY

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Nashik-422003

Academic Year 2021-22



KarmaveerKakasahebWagh Education Society's K. K. Wagh Arts Commerce, Science, & Computer Science College Saraswati Nagar Nashik-422003

CERTIFICATE

This is to certify that,

Mr. .Ankit Kumar Seth has satisfactory completed his their project

Computer Shop Management System as fulfillment in **T.Y.B.B.A.**(Computer Application) Class for the academic year 2021-2022.

Project Done by: Ankit Kumar Seth

Prof. V.H.Bava Project Guide (H.O.D)

Internal Examiner

External Examiner

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Motivation

We own our sincere gratitude to all those people who have given us their constant support and encouragement without which our project report would not have reached this stage.

We would like to express our thanks to Prof V.H Bava for her advice and encouragement. She has been a pillar of strength right through the project till the preparation of this report and helped by boosting morale, so we could surmount the difficulties that came across during completion of this project.

We would like to express our gratitude to Dr.A.P.Rajput, Principal, K.K.Wagh Arts, commerce, science and Computer Science College and Prof.Vijayshri Bava, Head of Computer Application department for the support and the infrastructure they have provided, so that we could successfully complete the project on time.

Last but not the least, we would like to express our sincere thanks to all staff members and our friends for their help and cooperation in all phases of the project.

1. Ankit Kumar Seth

Problem Statement

- The problem with the old system was that the customer was obelized to shop in a particular interval of time .The buyer need to invest a separate schedule for shopping.
- The problem related to shopkeeper was he could not sell his items during non-shopping hours.
- Through the introduction of online shopping the customer as well as the shopkeeper are relieved, since the reach of seller as increased and the buyer could buy anything at any particular time.
- One more important aspect of offline sales was it is very difficult of analyze sales and to draw information like sales in a particular period of time, to manage record of employees and customers and to observe certain trends among customers.

Purpose

- The purpose of this website is to provide the seller an online mode to sell his products online and to create a vast customer base.
- This website will resolve few problems of the seller of managing data and finding few information related to his sales.
- This website also provides some extent of security from unauthorized beach into the website without proper authentication.
- The sole purpose of this application is to serve the user and the admin with pleasant user experience and to save time of both the sides.

Literature Survey

In the previous system:

- It requires a lot of manual work in management.
- It was difficult to manage records without data inconsistency.
- The data stored was not secure.
- It was very hard to analyze what user activities.

Existing System

- In existing system all the information is gathered in registers.
- Existing system management takes time long, tedious, and difficult to perform.
- Existing system has number of flaws like security, issue with time form selling and shopping.

Limitations of Existing Systems

- In the existing system the main issue is with handling the date generated every day.
- Existing system lack an efficient security system, due to this the data can be manipulated or stolen by any unauthorized person.
- In this system a lot of management work is required by the manager, this takes lot of time .Also the work becomes tedious to perform since every day work is required to maintain /store information of customers.
- The old school method of selling goods and managing information on paper involved lot risks of date loss, data inconsistence, forgery, etc.
- One more disadvantage of above point it is very difficult to analyze the data (also called as data mining) collected by customers or data about customers to extract something useful to the company.

Scope

- The system proposed will be able to resolve most of the issues related to management to a computer shop.
- The system will have option of add to cart and offshores you can buy variouscomponents of your computer which includes processor, graphiccards, mother board, RAM, SMPS, Hard disk, SSD, CPU cabinet, mouse and keyboard.
- There will be one modes of payments cash. Online payment option will be available soon.
- Admin will able to see few information related to sales like information of customers how bought any product within any interval of time specified, sales of a particular product, brand.

Project Perspective

• This Project is made with the perspective of admin and user.

Features

- It will save energy, time and fuel.
- It stores all records permanently.
- Less use of manual work.
- Easy to search and buy.
- Ability of the shop to be open for 24/7 hrs.
- All the daily expenses will be updated in the databse daily.
- All the records of current and ex-staffs will be stored in the databse.
- Also keeps the record of computers sold.
- Any cancelation of the orders also updated.
- Profit and losses will be updated every month and also shows the variations.
- It gives the raises and deviations in the status of the shop in the market.
- It will help to increase business reach.

Stakeholders

- Admin
- Customer/Users

Performence Requirements

In order to maintain the acceptable speed at maximum number of uploads allowed from a particular customer will be any number of users can access the system at any time. Also connections to the server will be based on the criteria of attributes of the user like his location, and server will be working whole 24*7 times.

Functional Requirements

The problem under study is being divided into several modules/functions discussed below to understand the approach to the solution in the broader way:

- Customer Registration
- Welcome and Login Page
- Product Category
- o Product Search Result Screen
- View Cart Screen
- Order Details Screen
- Product Details
- Payment Gateway

Non-functional Rquirements:

Security: The system must automatically log out all customers after a period inactivity. The system's back-end servers shall only be accessible to the authenticated administrators. Sensitive data will be encrypted before being sent over insecure connections like the internet.

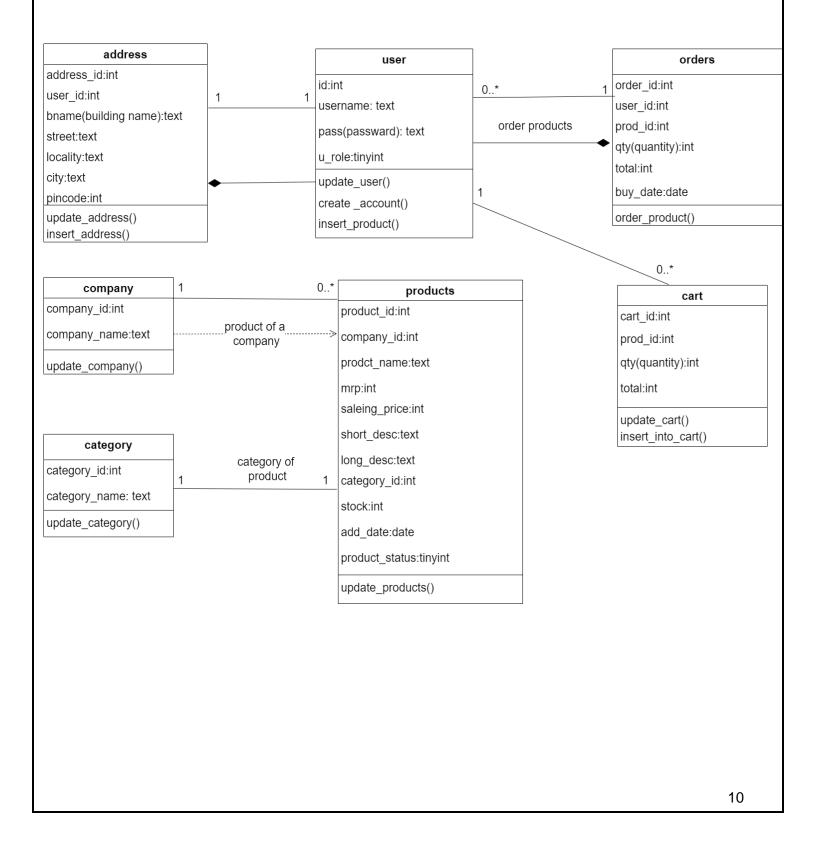
Reliability: The Reliability of the overall at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs. In case of a hardware failure or databse corruption, a replacement page will be shown. Also in case of a hardware failure or databse corruption, backups of the databse should be retrived from the server and saved by the administrator.

Maintainability: A commercial database is used for maintaining the databse and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. Also the software design is being done with modularity in mind so that maintainability can be done efficiently.

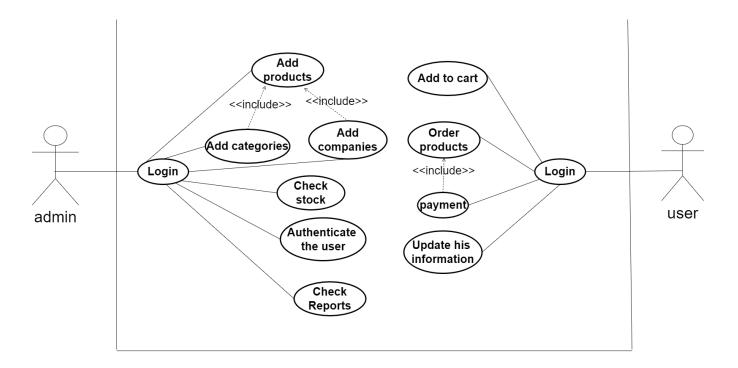
Portability: The application in HTML and scripted language based. So the end-user part is fully portable and any system using web browser should be able to use the features of the system, including any hardware platform that is available or will be available in the future. And end-user is use the system or any OS; either it is Windows or Linux. The system shall run on PC, Laptops and PDA etc.

System Design

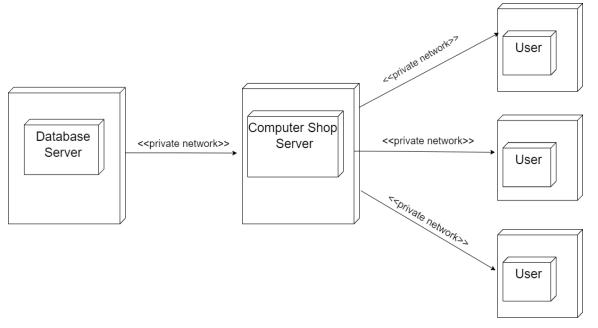
Class Diagram



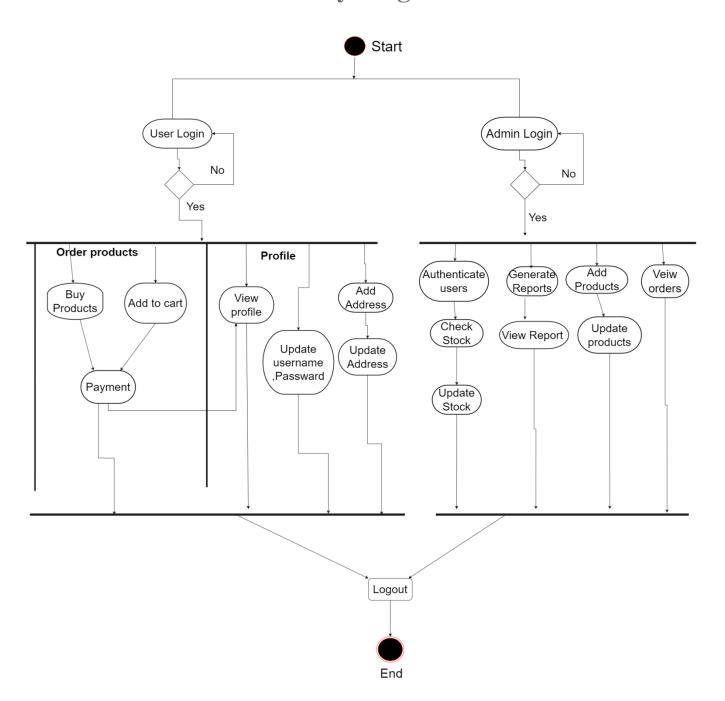
Use Case Diagram



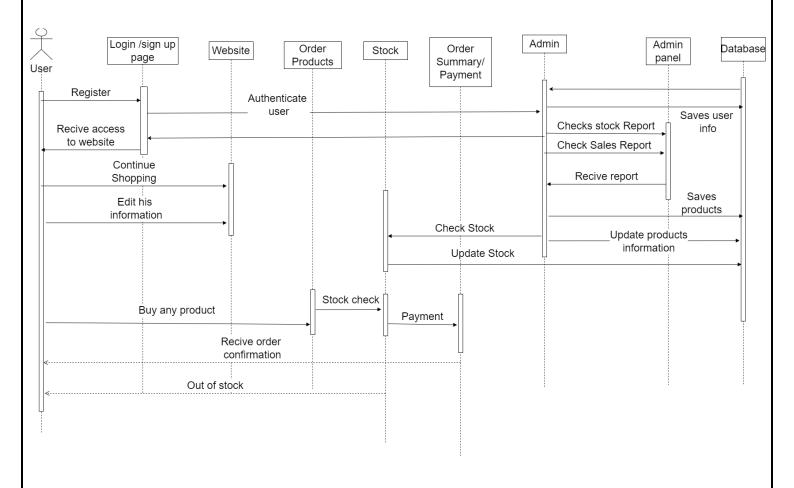
Deployment Diagram



Activity Diagram



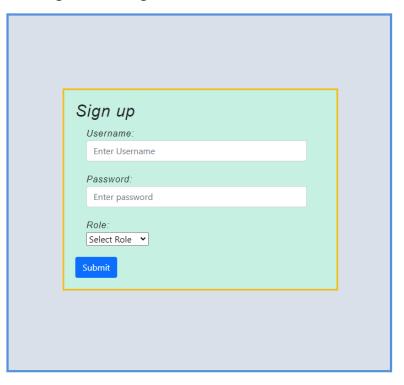
Sequence Diagram

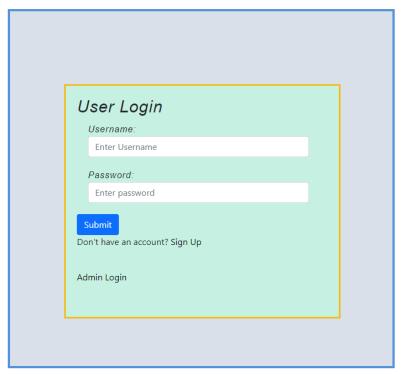


User Interfaces

Admin Side:

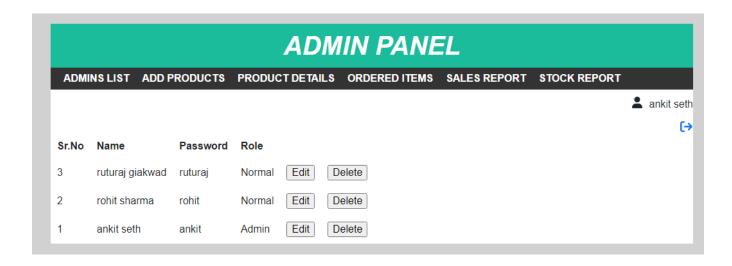
Sign In / Login:



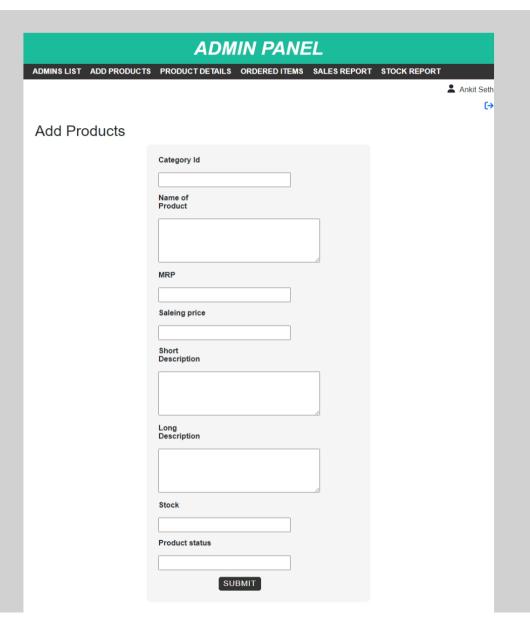




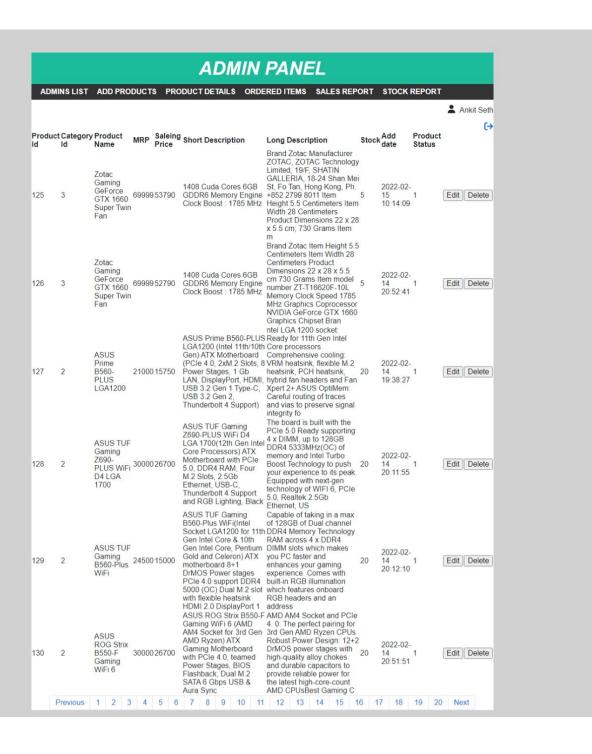
All Users



Add Products:

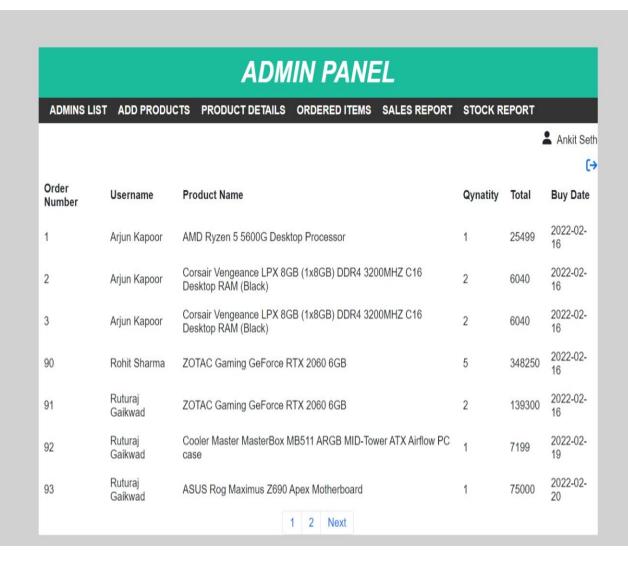


Products Details:



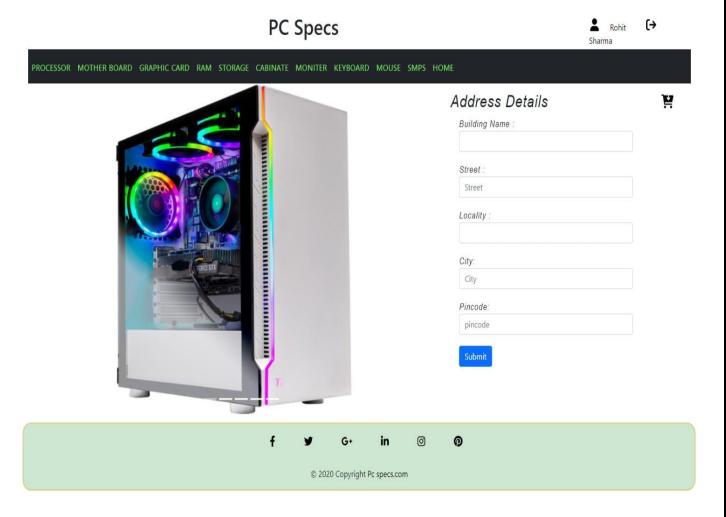
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ADM	IINS LIST	ADD PRODU	CTS	PRODU	CT DETAILS ORDE	RED ITEMS	SALES REP	ORT	STOCK	REPORT	
											Ankit Set
roduc d	ct Category Id	Product Name	MRP	Saleing Price	Short Description	Extension Ca	d, ARGB RGB ble, RGB	Stock	Add	Product Status	(-
131	2	ASUS Rog Maximus Z690 Apex Motherboard	83000	75000	Suitable For Desktop Intel Z690 Data Rate DDR5 Maximum RAM Capacity 64 GB Form Factor: ATX	with Heatsink ROG DIMM.2	s, 3 in 1 ables Pack, with G DIMM.2 , M.2 Pad for l, M.2 Screw ROG DIMM.2,	18	2022-02- 20 17:26:11	1	Edit Delete
132	2	ASUS Prime H610M-E D4 Intel H610	10500	7999	ASUS Prime H610M-E D4 Intel H610 (LGA 1700) mic-ATX motherboard with DDR4, PCIe 4.0, dual M.2 slots, Realtek 1 Gb Ethernet, DisplayPort, HDMI, D Sub, USB 3.2 Gen 1 ports, SATA 6 Gbps, COM header, RGB header	4.0 Ready su DIMM, up to 0 3200MHz(OC and Intel Turk Technology to experience to	64GB DDR4 c) of memory to Boost to push your to its peak. th the next-gen max FPCIe 4.0,	20	2022-02- 14 20:52:00	1	Edit Delete
133	2	ASUS Prime H610M-E D4 Intel H610	10500	7999	ASUS Prime H610M-E D4 Intel H610 (LGA 1700) mic-ATX motherboard with DDR4, PCIe 4.0, dual M.2 slots, Realtek 1 Gb Ethernet, DisplayPort, HDMI, D Sub, USB 3.2 Gen 1 ports, SATA 6 Gbps, COM header, RGB header	4.0 Ready su DIMM, up to 0 3200MHz(OC and Intel Turb Technology to experience to	64GB DDR4 c) of memory to Boost to push your tis peak. the next-gen max FPCIe 4.0,	20	2022-02- 14 20:52:05	1	Edit Delete
134	3	Gigabyte Geforce GTX 1050 Ti 4GB Graphic Card (GV-N105TD5- 4GD)		22775	Gigabyte Geforce GTX 1050 Ti 4GB Graphic Card (GV- N105TD5-4GD)	card is made enthusiasts. It one of the ad architecture, play some of graphic intens HD quality.Re Graphics RAI GDDR5	BB OC graphic for the gaming Equipped with vanced get ready to the most sive games in ssolution 8k M Type		2022-02- 14 22:02:00	1	Edit Delete
135	3	ASUS Cerberus GeForce GTX 1050 TI 4GB OC Edition	21800	21800	Roll over image to zoom in ASUS Cerberus GeForce GTX 1050 Ti 4GB OC Edition GDDR5 Gaming Graphics Card (Cerberus- GTX1050Ti-O4G)	topping game League of Le Overwatch ar PlayerUnknon Battlegrounds	outstanding and gaming extensively e latest chart- titles like gends, and wns	6	2022-02- 14 22:02:05	1	Edit Delete
36	3	Gigabyte GeForce GTX 1660 OC 6G Gaming Graphic Card GV-N1660OC- 6GD		42799	Features Powered by GeForce® GTX 1660 Integrated with 6GB GDDR5 192-bit memory interface WINDFORCE 2X Cooling System with alternate spinning fans 90 mm unique blade fans Protection back plate Core Clock 1830 MHz (Reference Card is 1785 MHz)	Core Clock 18 (Reference C MHz) CUDA® Memory Cloc Memory Size Type GDDR5 192 bit Memo (GB/sec) 192 Bus PCI-E 3.18 max resolutio	ard is 1785 Cores 1408 k 8002 MHz 6 GB Memory Memory Bus bry Bandwidth GB/s Card 0 x 16 Digital		2022-02- 14 22:02:11	1	Edit Delete

All orders till date:

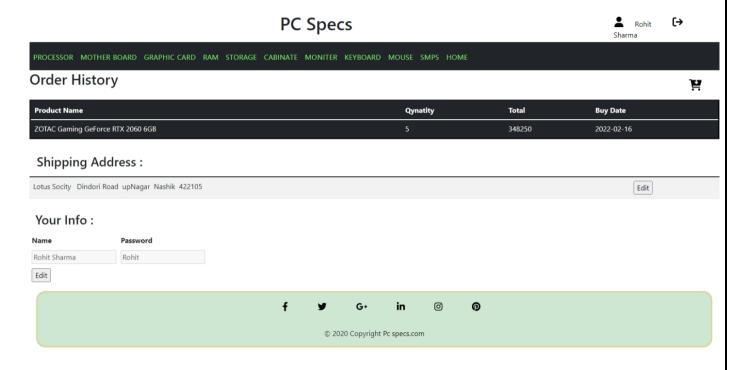


User's Side

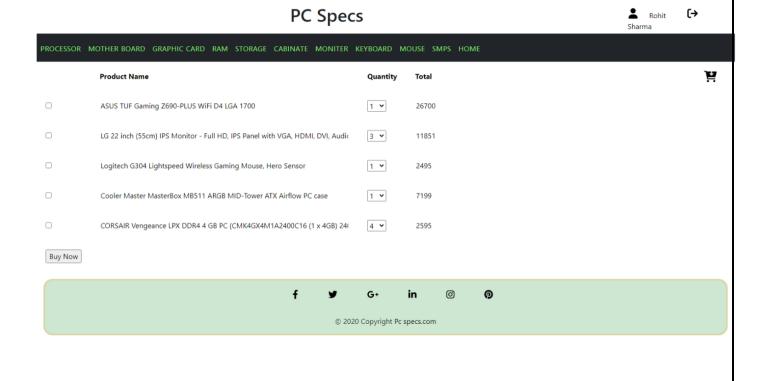
Home page:



Profile:



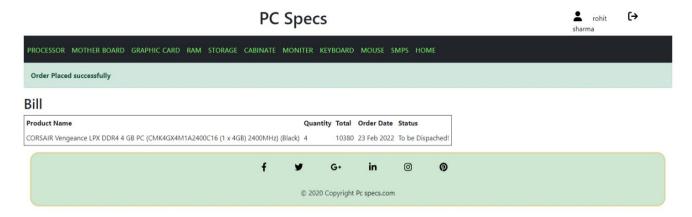
Cart:



Order Summary:

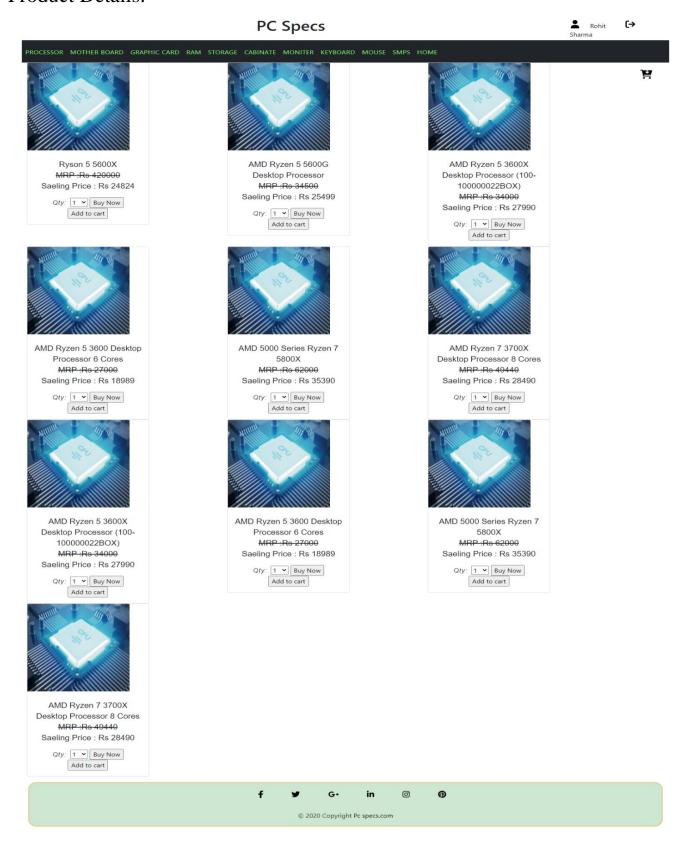


Bill:





Product Details:



PC Specs



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Seagate BarraCuda 1 TB Internal Hard Drive HDD MRP :Rs 6500 Saeling Price : Rs 3049





Seagate Barracuda Q5 SSD 1TB up to 2400 MB/s MRP :Rs 18000 Saeling Price : Rs 8550

Qty: 1 > Buy Now Add to cart



Western Digital 2TB WD Blue PC Hard Drive MRP :Rs 4300 Saeling Price : Rs 3199

Qty: 1 V Buy Now Add to cart



Western Digital WD Blue 2 TB cm 6.35 cm (2.5 inch) SATA III Internal Solid State Drive (WDS200T2B0A) MRP :Rs 28000

Saeling Price : Rs 18290

Qty: 1 Y Buy Now Add to cart



Seagate Barracuda 2 TB Internal Hard Drive HDD MRP :Rs 8000 Saeling Price : Rs 4289

Qty: 1 Buy Now
Add to cart



Seagate Barracuda 2TB Internal Hard Drive HDD – 8.89 cm (2.5 Inch) MRP :Rs 14500 Saeling Price : Rs 5999

Qty: 1 ✔ Buy Now Add to cart



Roll over image to zoom in Western Digital Purple 2TB SATA Internal Surveillance Hard Drive (WD20PURZ) MRP:Rs 17500

Saeling Price : Rs 4610

Qty: 1 > Buy Now Add to cart



Seagate Barracuda 1 TB
Internal Hard Drive HDD –
2.5 Inch
MRP :Rs 7500
Saeling Price : Rs 3649

Qty: 1 • Buy Now Add to cart



Western Digital WD10EZEX 1TB Internal Hard Drive for Desktop (Blue) MRP :Rs 4300 Saeling Price : Rs 3199

Qty: 1 > Buy Now Add to cart



Western Digital WD Green 480 GB 2.5 inch MRP :Rs 7200 Saeling Price : Rs 4097

Qty: 1 > Buy Now Add to cart

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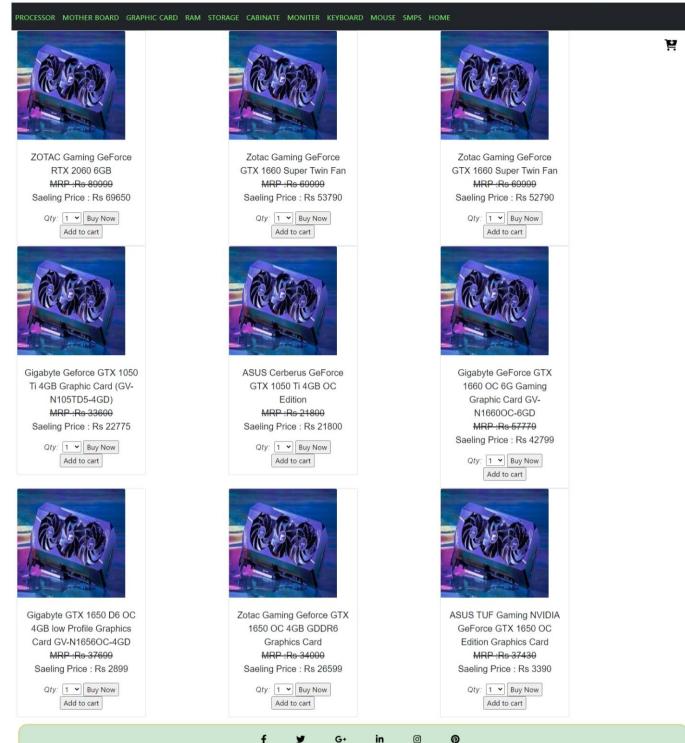
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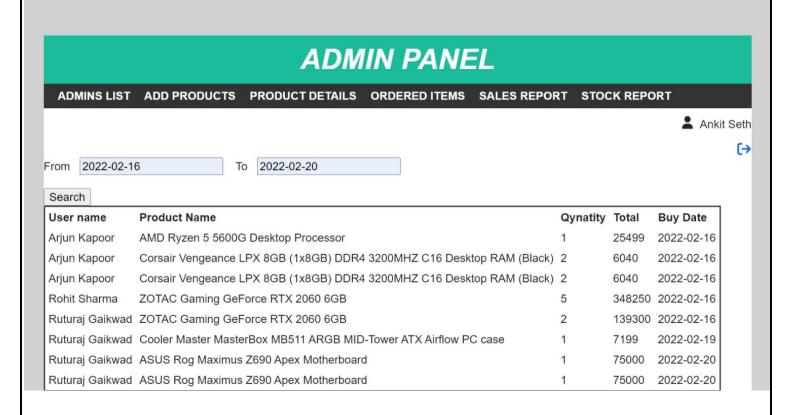
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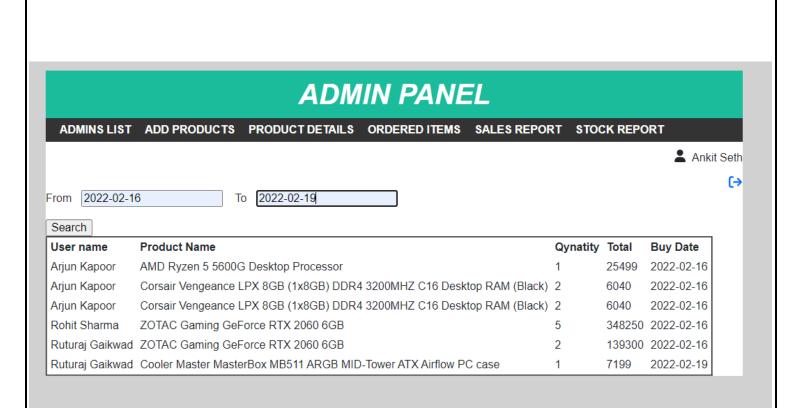
Implementation details

- This web site can run on a low specification PC.
- The system must contain at least
- ➤ 4 GB RAM.
- > 500 GB storage capacity.

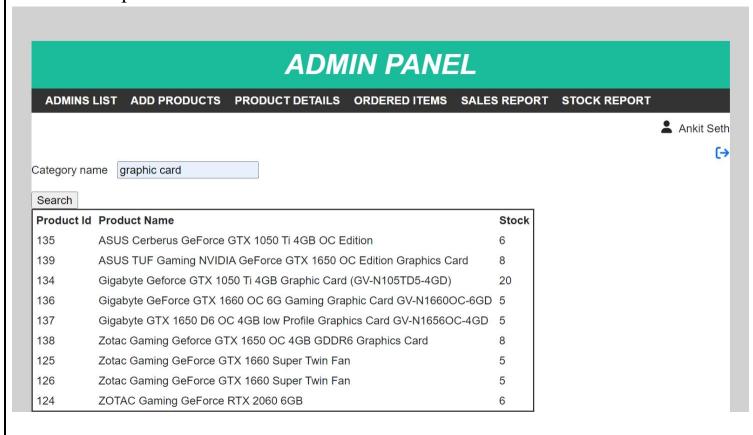
Outputs and Reports Testing

Sales Report:





Stock Report:



ADMIN PANEL

ADMINS LIST ADD PRODUCTS PRODUCT DETAILS ORDERED ITEMS SALES REPORT STOCK REPORT

Ankit Seth

[→

Category name RAM

Search

Product Id	Product Name	Stock
143	CORSAIR Vengeance DDR4 16 GB PC (CMK16GX4M1A2400C16) (Black)	20
140	Corsair Vengeance LPX 8GB (1x8GB) DDR4 3200MHZ C16 Desktop RAM (Black)	24
141	CORSAIR Vengeance LPX DDR4 4 GB PC (CMK4GX4M1A2400C16 (1 x 4GB) 2400MHz) (Black)	30
142	CORSAIR Vengeance RGB RS DDR4 64 GB	20
146	Crucial 16GB Single DDR4 3200	20
148	Crucial Ballistix 3200 MHz DDR4 DRAM Desktop Gaming Memory 8GB CL16 BL8G32C16U4B (Black)	20
147	Crucial Ballistix RGB 3200 MHz DDR4	20
144	Crucial Basics 16GB DDR4 1.2v 2666Mhz	20
145	Crucial RAM 16GB DDR4 2666 MHz	20

ADMIN PANEL ADMINS LIST ADD PRODUCTS PRODUCT DETAILS ORDERED ITEMS SALES REPORT STOCK REPORT Ankit Seth [→ Category name monitor Search Product Samsung 27 inch (68.5 cm) Curved LED Backlit Computer Monitor - Full HD, VA Panel with VGA, HDMI, Audio Ports - LC27F390FHWXXL (Black) 194 Samsung 59.8 cm (23.5 inch) Curved LED Backlit Computer Monitor - Full HD, VA Panel with VGA, HDMI, Audio Ports - 20 193 LC24F390FHWXXL (Black) LG 22 inch (55cm) Full HD (1920 x 1080) Slim IPS Panel Monitor, HDMI x 2 & VGA Port, 75 Hz, AMD Freesync, Color 173 20 Calibrated, Made in India - 22MK600M-B.BTR (Black), Small 176 LG 22 inch (55cm) IPS Monitor - Full HD, IPS Panel with VGA, HDMI, DVI, Audio Out Ports - 22MP68VQ 20 LG 60 cm (24 inches) IPS Monitor - Full HD, with VGA, HDMI, Audio Out Ports, AMD Freesync, 75 Hz, Made in India -175 20 24MP400 (Black), Small LG 60 cm (24 inches) IPS Monitor - Full HD, with VGA, HDMI, Audio Out Ports, AMD Freesync, 75 Hz, Made in India -177 13 24MP400 (Black), Small LG 60 cm/24 inches Full HD IPS 1920 x 1080 Pixels LCD Monitor, Inbuilt Speaker, HDMI x 2, VGA Port, 75 Hz Refresh 172 Rate, AMD Freesync, 3 Side Borderless Slim Design - 24ML600S-W (White) LG Full HD 69 cm (27 Inch) IPS Monitor 3 Side Borderless Design - Dual HDMI & VGA Port - Reader Mode and Flicker 174 Free Screen (Work & Education) - 27ML600 LG Ultra-Gear 24 inches 1920 x 1080 Pixels 144Hz, Native 1ms Full HD LCD Gaming Monitor with Radeon Free-sync 178 19 TN Panel with Display Port, HDMI, Height Adjust Stand - 24GL650F (Black) LG Ultragear 27 240Hz, 1ms, G-Sync Compatible, HDR 10, IPS Display Gaming Monitor, Height Adjust, Pivot Stand, 180 6 Display Port, HDMI Port - 27GN750 LG Ultragear 69 cm (27-inch) IPS FHD, G-Sync Compatible, HDR 10, Gaming Monitor with Display Port, HDMI x 2, Height Adjust & Pivot Stand, 144Hz, 1ms - 27GL650F (Black) 179 20

LG UltraWide 73 cm (29 inch) 21:9 WFHD (2560 x 1080) IPS Display - HDR 10, AMD FreeSync, sRGB 99%, Slim Bezel, Multitasking Monitor, HDMI X 2, Made in India - 29WL500 (Black), Small

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