INVENTORY MANAGEMENT SYSTEM FOR RETAILERS

CLOUD APPLICATION DEVELOPMENT

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Project Report

1. INTRODUCTION

1.1 Project Overview

Retail inventory management is the process of ensuring you carry merchandise that shoppers want, with neither too little nor too much on hand. By managing inventory, retailers meet customer demand without running out of stock or carrying excess supply.

In practice, effective retail inventory management results in lower costs and a better understanding of sales patterns. Retail inventory management tools and methods give retailers more information on which to run their businesses. Applications have been developed to help retailers track and manage stocks related to their own products. The System will ask retailers to create their accounts by providing essential details. Retailers can access their accounts by logging into the application.

Once retailers successfully log in to the application they can update their inventory details, also users will be able to add new stock by submitting essential details related to the stock. They can view details of the current inventory. The System will automatically send an email alert to the retailers if there is no stock found in their accounts. So that they can order new stock.

1.2 Purpose

The primary purpose of inventory management is **to ensure there is enough goods or materials** to meet demand without creating overstock, or excess inventory.

2. LITERATURE SURVEY

"A LITERATURE SURVEY ON MODELS OF INVENTORY MANAGEMENT SYSTEM FOR RETAILERS"

CASE STUDY I

TITLE:A literature review and current trends

PUBLISHER: IEEE

YEAR: 2021

ABSTRACT: In recent years, the correct management of inventories has become a fundamental pillar for achieving success in enterprises.

Unfortunately, studies suggesting the investment and adoption of advanced inventory management and control systems are not easy to find. In this context, this article aims to analyze and present an extensive literature concerning inventory management, containing multiple definitions and fundamental concepts for the retail sector. A systematic literature review was carried out to determine the main trends and indicators of inventory management in Small and Medium-sized Enterprises (SMEs).

This research covers five years, between 2015 and 2019, focusing

specifically on the retail sector. The primary outcomes of this study are the leading inventory management systems and models, the Key Performance Indicators (KPIs) for their correct management, and the benefits and challenges for choosing or adopting an efficient inventory control and management system. Findings indicate that SMEs do not invest resources in sophisticated systems; instead, a simple Enterprise Resource Planning (ERP) system or even programs such as Excel or manual inventories are mainly used.

CASE STUDY II

TITLE: Economic order quantity models

REFERENCES: Business Systems and Economics

YEAR: 2015

ABSTRACT: For the fixed order size inventory models, the economic order quantity (EOQ) model is most well-known. The basic EOQ model is a formula for determining the optimal order size that minimizes the sum of carrying costs and ordering costs. The model is derived under a set of restrictive assumptions, as follows:

- Demand is known with certainty and is constant over time.
- No shortages are allowed.
- Lead time of orders is constant.
- The order quantity is received all at once.

The EOQ model was presented originally by Ford W. Harris, in a paper

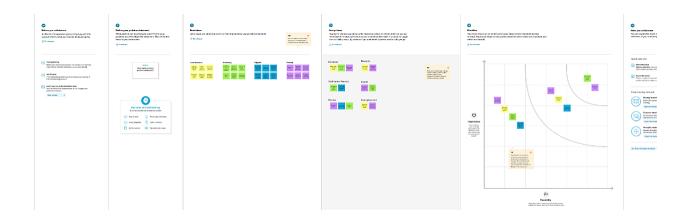
published in 1913 in Factory, The Magazine of Management (Harris, 1913). Many researches were made on the base of this model. However, the coefficients of the model may be fuzzy. One of the first who applied fuzzy theory was K. S. Park, who proposed a single product inventory model with fuzzy parameters on the base of the Harrison model (Park, 1987). Chen and Wang (1996), Roy and Maiti (1997), Yao et al. (2000) and Chang (2004) have extended the well-known EOQ inventory model to fuzzy versions.

3. IDEATION & PROPOSED SOLUTION

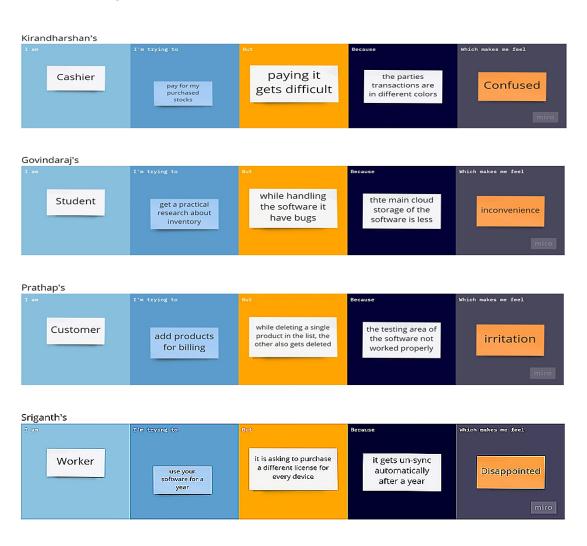
3.1 Empathy Map Canvas



3.2 Ideation & Brainstorming



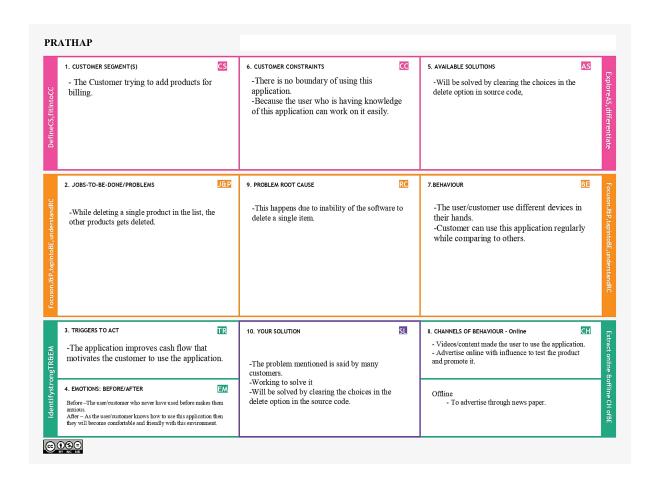
3.3 Proposed Solution



3.4 Problem Solution Fit



1. CUSTOMER SEGMENT(S)	6. CUSTOMER CONSTRAINTS	5. AVAILABLE SOLUTIONS AS
- The Worker trying to use to software for a year.	-There is no boundary of using this applicationBecause the user who is having knowledg of this application can work on it easily.	-Will be resolved with increasing the life time of the license.
2. JOBS-TO-BE-DONE/PROBLEMS	9. PROBLEM ROOT CAUSE	7.BEHAVIOUR
-Gets un-sync automatically after a year. -Which makes disappointed.	-Expiry of license of the software in a year.	-The user/customer use different devices in their hands. -Customer can use this application regularly while comparing to others.
3. TRIGGERS TO ACT	10. YOUR SOLUTION	8. CHANNELS OF BEHAVIOUR - Online
-The application improves cash flow that motivates the customer to use the application	-Common problem faced by many usersEven though not a problem it is an stabilized	Videos/content made the user to use the application. Advertise online with influence to test the product and promote it.
EMOTIONS: BEFORE/AFTER Before—The user/customer who never have used before makes the anxious. After—As the user/customer knows how to use this application the they will become comfortable and friendly with this environment.	, and a second s	oe Offline - To advertise through news paper.



4. REQUIREMENT ANALYSIS

4.1 Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
		Registration through Gmail
		Registration throughLinkedIn
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	User login	Login with username
		Login withpassword
FR-4	Centralized Record of all product	Product name, Stock keep unit, brand, retail price,
		product category, lot number , expire date, vendor
		details, wholesale cost, minimum reorderamount,
		case quantity amount, reorder lead time
FR-5	Stock location identification	Provide number label for-Shelf, Rack and Boxes
FR-6	Periodical stock checking	Physical counting and Cycle counting
FR-7	Integration of salesand inventory	sales administration and database upkeep
	data	FIFO,LILO according to the goods
FR-8	Purchase management	Order review and placement, Avoid risk stock, review
	andForecasting	product, priorities purchases based on an item's
		profitability, popularity, and lead time,
		ABC,FSC,XYZ,JIT techniques
FR-9	Markdown and promotion	Show product discount,
		Maintain enoughstock on handto meet demand.
FR-10	Management of Receiving Stock	Accurately recordinggoods on an inventory
FR-11	Returns Management	Check for damage or defects and return to vendor
	System	asneeded
		If sellable add it to inventory counts
FR-12	Determination of death stock	Return to the vendor for credits
FR-13	Inventory KPIs(Key Performance	Sale KPIs, Receive KPIs, Operational KPIs,Employee
	Indicator)	KPIs

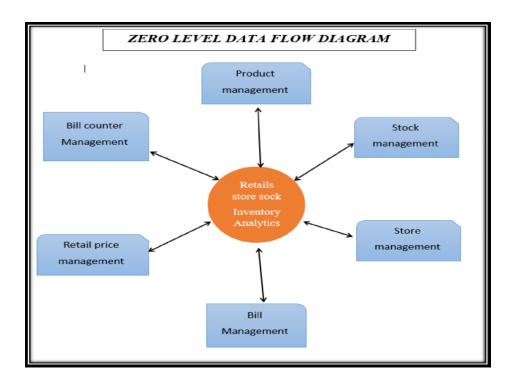
4.2 Non - Functional Requirements

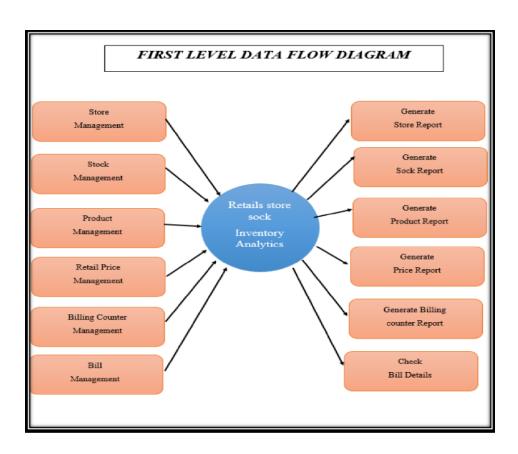
FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This system must be easy to use by both
		managersand chefs, such that they do not
		need to read an extensive number of manuals;
		it must be quickly accessible by both
		managers and chefs; it must be intuitive and
		simple in the way it displays all relevantdata
		and relationships; and the menus of the
		systemareeasily navigable by theusers with
		buttons that
		are easyto understand.
NFR-2	Security	The security requirements deal with the
		primarysecurity. Only authorized users
		can access the system with username
		and password of
		administrator.
NFR-3	Reliability	The system must give accurate inventory
		status to the user continuously. Any
		inaccuracies are corrected by regularly
		comparing the actual levels tothe
		levelsdisplayed in the system.
		The system must successfully add any
		recipe, ingredients, vendors, or special
		occasions given bythe userand provide
		estimations and inventory
İ		status in relevance to the newly updated
1		entities.

NFR-4	Performance	The system must not lag, because the workers using it don't have downtime to wait for it to complete anaction. The systemmust successfully complete updating thedatabases, adding new recipes, ingredients, vendors, and occasions every time the user requests such a process. All the functions of the systemmust be available to the user everytime the system is turned on. The calculations performed by the system must comply with the norms set by the user and shouldnot vary unless explicitly changed by the user.
NFR-5	Availability	The software will be available only to administratorof the organization and the product as well as customer details will be recorded by him. He can add customers, Update and deletethem as wellas add new products and manage them
NFR-6	Scalability	The ability of a system to handle a growing amount of work.

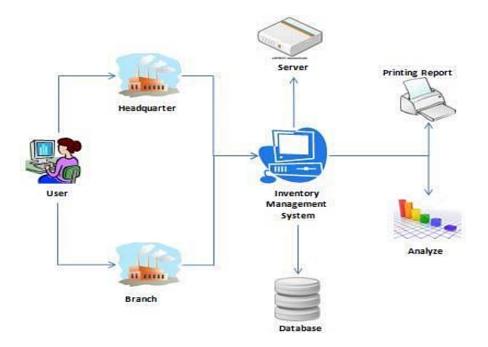
5. PROJECT DESIGN

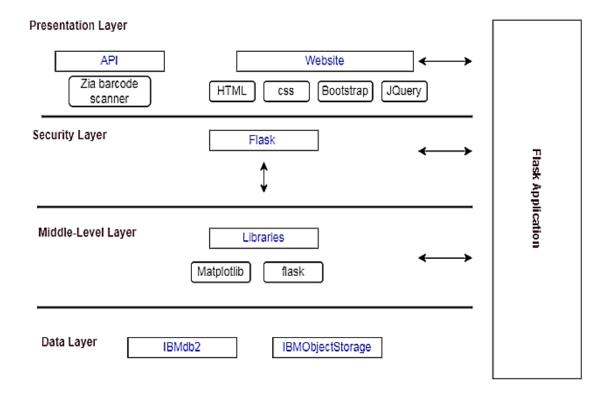
5.1 Data Flow Diagrams





5.2 Solution & Technical Architechture





5.3 User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password after installing the web application.	I can access the dashboard by login into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the charts and graphs representation of the dataset and the information shown in the dashboard.	I can analyse the stocks in my retail store.	High	Sprint-1
Customer (Web user)		USN-1	As a user, I can register for the web application entering my email, password and confirming my password.	I can access my account dashboard	High	Sprint-1
		USN-2	As a user, after completing the registration I will receive confirmation email once I have registered for the web application	I can receive confirmation email & click confirm	High	Sprint-1
Administrator		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password after installing the web application.	I can access the dashboard by login into the application	High	Sprint-1
	Dashboard	USN-6	As a user, I can view the charts and graphs representation of the dataset and the information shown in the dashboard.	I can analyse the stocks in my retail store	High	Sprint-1
Customer Care Executive		CCE-1	As a customer care executive, I will always be available for the interaction with the customer to clarify the queries.	An executive will analyse the customer complaints and rectify their problems.	High	Sprint-2
Administrator		ADMIN-1	As an administrator, I will manage backup and recovery, data modelling and design, distributed computing, database system, and a data security	Administrator can evaluate, design, review and implementing a data and they are also responsible for updating and maintaining the data	HIgh	Sprint-2

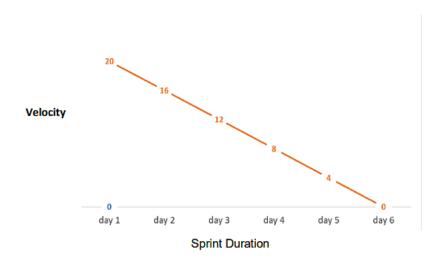
6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	19 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Burndown Chart:

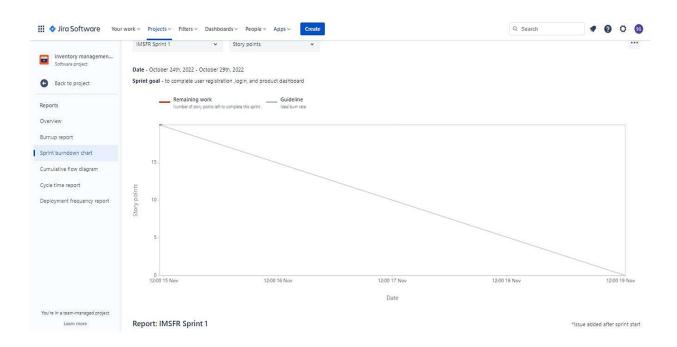
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



6.2 Sprint Delivery Schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering Mobile Number, password, and confirming my password.	5	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint-1		USN-2	As a user, I will receive the OTP once I have registered for the application.	5	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint-1	Login	USN-3	As a user, I can log into the application by Mobile Number & password.	3	Low	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint-2		USN-4	As a Branch User, I can log into the application by Branch ID & Password.	8	High	B. Kirandharshan R. Govindaraj
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						R. Prathap B. Sriganth
Sprint-2	Dashboard	USN-5	As a User, I must able to see the products details & availability.	5	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint-2	Inventory	USN-6	As a Branch user, I should able to upload the products and delete the products.	2	Medium	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 2		USN-7	As a Branch User, I should get the alert on stock is unavailability.	5	Medium	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 1	Order	USN-8	As a User, I should able to Order products on the App	5	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 1		USN-9	As a User, I should able to pay in a secure payment gateway method.	2	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 3		USN-10	As a User, I should able to get the ordered products on time.	8	Low	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 4	Maintenance	USN-1	As administrator, I should be able to edit details of the App.	20	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 3	Feedback	USN-1	I should able to get the Feedback from the Users.	8	High	B. Kirandharshan R. Govindaraj R. Prathap B. Sriganth
Sprint 3		USN-2	I should be able to give response to the customers so I should implement the Chatbot.	4	High	B. Kirandharshan R. Govindaraj
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						R. Prathap B. Sriganth

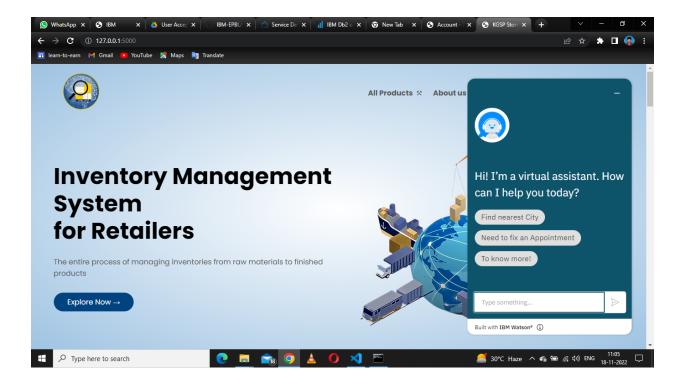
6.3 Reports from JIRA



7. CODING & SOLUTIONING

7.1 Feature 1 (IBM Watson Chatbot)

```
    window.watsonAssistantChatOptions = {
        integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
        region: "au-syd", // The region your integration is hosted in.
        serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
        onLoad: function(instance) { instance.render(); }
        };
        setTimeout(function() {
            const t=document.createElement('script');
            t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
            (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
            document.head.appendChild(t);
        });
        </script>
```



7.2 Database Schema

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     "admin",
     "--host".
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    ]
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```

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   ],
   "jdbc_url": [
    "jdbc:db2://21fecfd8-47b7-4937-840d-
d791d0218660.bs2io90l08kqb1od8lcg.databases.appdomain.cloud:31864/bludb:user=<userid>
;password=<your_password>;sslConnection=true;"
   "path": "/bludb",
   "query_options": {
    "authSource": "admin",
    "replicaSet": "replset"
   "replica_set": "replset",
   "scheme": "db2",
   "type": "uri"
  }
},
 "instance_administration_api": {
  "deployment_id": "crn:v1:bluemix:public:dashdb-for-transactions:eu-
gb:a/5035b5ca0cb549dbb7b915bca3e41e0f:0939fdee-cec3-40b6-b37b-d80586f93d04::",
  "instance_id": "crn:v1:bluemix:public:dashdb-for-transactions:eu-
gb:a/5035b5ca0cb549dbb7b915bca3e41e0f:0939fdee-cec3-40b6-b37b-d80586f93d04::",
  "root": "https://apieugb.db2.cloud.ibm.com/v5/ibm"
}
}
```

8. TESTING

8.1 Test Cases

Testcases Report

				Date	18 Nov 22								
					PNIT2022TMID39817								
				Project Name	Inventory Management System for Retailers	1							
				Maximum Marks	4 marks	1							
t case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Commets	TC for Automation(Y/N)	BUG ID	Executed 8
age_TC_001	Functional	Home Page	Verify user is able to see the Login/ Signup popup when user clicked on My account button		1. Enter URL, and click go 2. Click on My Account dropdown button 3. Verify login/Singup popup displayed or not		Login/Signup popup should display	Working as expected	Pass				Kirandharsh
uge_TC_002	WPS Office	Home Page	Verify the UI elements in Login/ Signup popus		5 Enter URL and click go 2 Citics in My Account dioptions button 3 Verify login: Stopp props with below UI elements: a prail test box Logistimistic test box Logistimistic test box Logistimistic descriptions of the count link e. Last password: Recovery password link	on Office	Application should show below UI elements: a.email test box b.password test box c.l.ogin buston with orange colour d.New customer? Deate account link e.Last password? Recovery password link	Working as expected	sa S	Stepe are not clear to follow		BUG-12 34	Pathap WP
age_TC_003	Functional	Home page	Verify user is able to log into application with Valid credentials			Otername: drafam@gmail.com password: Testing I 23	User should navigate to user account homepage	Morking as expected	Pass				Govindaraj
ige_TC_004	Functional	Login page	Verify user is able to log into application with Irribalid credentials				Application should show 'Incorrect email or password' validation message.	Working as expected	Pass				Siganth
age_TC_005	Functional	Loginpage	Verify user is able to log into application with Initialid oredentials				Application should show 'Incomed email or password' validation message.	Working as expected	Pass				Prathap
age_TC_006	WP Frictional of 10	C Login page	Verify user is able to log into application with Initialid oredentials	WPS Off			Application should show 'Incorrect email or password' validation message.	Working as expected	Piss	office			Krandyast

8.2 User Acceptance Testing

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the [Product Name] project at the time of the release to User Acceptance Testing (UAT).

2. DefectAnalysis

This report shows the number of resolved or closed bugs at each severity level, and how

Resolution	Severit y1	Severity2	Severity3	Severity4	Subtotal
By Design	10	3	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	5
Fixed	9	2	1	13	17
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	1
Won'tFix	0	4	2	1	2
Totals	22	12	10	19	5 0

3. Test Case Analysis

This reports how is the number of test cases that have passed, failed, and untested

Section	TotalCases	Not Tested	Fail	Pass
PrintEngine	7	0	0	7
ClientApplication	19	0	0	19
Security	2	0	0	2
OutsourceShipping	3	0	0	3
ExceptionReporting	3	0	0	3
FinalReportOutput	3	0	0	3
VersionControl	1	0	0	1

9. RESULTS

9.1 Performance Metrics

- ✓ Formal code metrics Such as Lines of Code (LOC), code complexity, Instruction Path Length, etc. In modern development environments, these are considered less useful.
- ✓ Developer productivity metrics—Such as active days, assignment scope, efficiency and code churn. These metrics can help you understand how much time and work developers are investing in a software project.
- ✓ Agile process metrics—Such as lead time, cycle time and velocity.

 They measure the progress of a dev team in producing working, shipping-quality software features.
- ✓ Operational metrics—Such as Mean Time Between Failures (MTBF) and Mean Time to Recover (MTTR). This checks how software is running in production and how effective operations staff are at maintaining it.
- ✓ Test metrics—Such as code coverage, percent of automated tests, and defects in production. This measures how comprehensively a system is tested, which should be correlated with software quality.
- ✓ Customer satisfaction—Such as Net Promoter Score (NPS), Customer Effort Score (CES) and Customer Satisfaction Score (CSAT). The ultimate measurement of how customers experience the software and their interaction with the software vendor.

PERFORMANCE TESTING

					Performance	Testing			
			Date	18-Nov-22					
			Team (0	PNT3022TM039817					
			Project Name	Inventory Wanagement System for Retailers					
			Maximum Marks	4 marks					
			fice	AFICE	NFT-Risk Assess	ref	∧fice	office.	
No	Project Name	Scope/feature	Functional Changes	Rardware Changes	Software Changes	Impact of Downtime	Load/Voluem Changes	Risk Score	Justification
1ln	vertory Management System for Retailers	Nex	Low	No Changes	Moderate	M	>5 to 10%	ORANGE	As we have seen the changes
1									
4									
+									
+									
					NFT - Detailed Tes	t Plan			
			SNo	Project Overview	NFT Test approach	Assumptions/Dependencies/Risks	Approvals/SignOff		
				1 Inventory Wanagement System for Retailers	Passed	No Risks	Agoroved		
	asice		90%	office.	End Of Test Rep	S)Tris	affice.	30,330	office
No	Point Oveniew	MFT Test approach	NFR-Met	Test Outcome	GO/NO-GO decision	Recommendations	Identified Defects (Detected/Closed/Open)	Approvels/SignOff	WPS Office
1ln	vertory Management System for Retailers		Requirement Satisfied	No Failure	Action Stop			Apponed	

10. ADVANTAGES & DISADVANTAGES

Advantages

- ★ It helps to maintain the right amount of stock: contrary to the belief that is held by some people, inventory management does not seek to reduce the amount of inventory that you have in stock
- ★ It leads to a more organized warehouse: with the aid of a good inventory management system, you can easily organize your warehouse.
- ★ It saves time and money: an effective inventory management system

can translate to time and money saved on the part of the business.

Disadvantages

- **Impersonal touch:** another disadvantage of inventory management is a lack of personal touch.
- **Complexity:** some methods and strategies of inventory management can be relatively complex and difficult to understand on the part of the staff.

11. CONCLUSION

Inventory management is a very complex but essential part of the supply chain. An effective inventory management system helps to reduce stock-related costs such as warehousing, carrying, and ordering costs.

12. FUTURE SCOPE

- The scope of an inventory system can cover many needs, including valuing the inventory, measuring the change in inventory and planning for future inventory levels.
- ► The value of the inventory at the end of each period provides a basis for **financial reporting** on the balance sheet.
- The scope of an inventory management system can cover many needs, including valuing the inventory, measuring the change in inventory and planning for future inventory levels.

The application of computer system in inventory control is to ensure that immediate availability of much more complete data for use in making purchasing and related material decisions because of its speed.

13. APPENDIX

13.1 Source Code

about.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Account - RedStore</title>
    k rel="stylesheet" href="../static/style.css">
href="https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500;600;700&display=
swap" rel="stylesheet">
    k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  </head>
  <body>
  <div class="container">
      <div class="navbar">
        <div class="logo">
          <a href="/"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/logo.png" width="80"></a>
      </div>
      <nav>
        ul id="MenuItems">
          <!-- <li><a href =""><b>Home </b>&nbsp;&#x2616;</a> -->
          <a href ="/product"><b>All Products </b>&nbsp;&#x2692;</a>
          <a href =""><b>About us </b>&nbsp;&#x2709;</a>
```

```
<a href =""><b>Contact us </b>&nbsp;&#x2706;</a>
          <a href ="/account"><b>Account </b>&nbsp;&#x2752;</a>
        </nav>
      <a href="/cart"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/cart.png" width="30px" height="30px"></a>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/menuu.png" class="menu-icon"
      onclick="menutoggle()">
      </div>
  </div>
<!----->
<div class="account-page">
  <div class="container">
    <div class="row">
      <div class="col-2">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/image.png" width="85%">
      </div>
      <div class="col-2">
        <div class="form-container">
          <div class="form-btn">
            <span onclick="login()">Login</span>
            <span onclick="register()">Register</span>
            <hr id="Indicator">
          </div>
          <form id="LoginForm">
            <input type="text" placeholder="Username">
            <input type="password" placeholder="Password">
            <button type="submit" class="btn">Login</button>
            <a href="">Forgot Password</a>
          </form>
          <form id="RegForm">
            <input type="text" placeholder="Username">
            <input type="email" placeholder="Email">
            <input type="password" placeholder="Password">
            <button type="submit" class="btn">Register</button>
          </form>
        </div>
      </div>
```

```
</div>
 </div>
</div>
<!-- ---- footer -----
<div class="footer">
 <div class="container">
    <div class="row">
      <div class="footer-col-1">
        <h3>Download Our Application</h3>
        >Download for both Android and iOS
        <div class="app-logo">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/playstore.png">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/appstore.png">
       </div>
      </div>
      <div class="footer-col-2">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/ims.png">
        Our Purpose is To Sustainably Make the Pleasure and Benefits of All
Accessories.
     </div>
      <div class="footer-col-3">
        <h3>Useful Links</h3>
        Blog Post
          Return Policy
          Coupons
          Join Affiliate
       </div>
      <div class="footer-col-4">
        <h3>Follow us</h3>
       Facebook
         Twitter
         Instagram
          YouTube
       </div>
```

```
</div>
    <hr>
    @Copyright 2020 - Easy Tutorials
 </div>
</div>
<script>
 var Menultems=document.getElementByld("Menultems");
 MenuItems.style.maxHeight="0px";
 function menutoggle(){
    if(MenuItems.style.maxHeight="0px")
      MenuItems.style.maxHeight="200px";
   }
    else
    {
      MenuItems.style.maxHeight="0px";
   }
 }
</script>
<!-- ----is for toggle form-----------
<script>
 var LoginForm = document.getElementById("LoginForm");
 var RegForm = document.getElementById("RegForm");
 var Indicator = document.getElementById("Indicator");
 function register(){
    RegForm.style.transform = "translateX(0px)";
    LoginForm.style.transform = "translateX(0px)";
    Indicator.style.transform = "translateX(100px)";
 }
 function login(){
    RegForm.style.transform = "translateX(300px)";
    LoginForm.style.transform = "translateX(300px)";
    Indicator.style.transform = "translateX(0px)";
 }
</script>
<script>
 window.watsonAssistantChatOptions = {
```

```
integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
   region: "au-syd", // The region your integration is hosted in.
   serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
   onLoad: function(instance) { instance.render(); }
  setTimeout(function(){
   const t=document.createElement('script');
   t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion \ || \ 'latest') + "/WatsonAssistantChatEntry.js"; \\
   document.head.appendChild(t);
 });
 </script>
</body>
</html>
index.html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>KGSP Store</title>
    k rel="stylesheet" href="../static/style.css">
    k
href="https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500;600;700&display=
swap" rel="stylesheet">
    k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  </head>
  <body>
  <div class ="header">
```

<img src="https://kiran.buffer.s3.jp-tok.cloud-object-

<div class="container">

</div>

<div class="navbar"> <div class="logo">

storage.appdomain.cloud/logo.png" width="80">

```
ul id="MenuItems">
          <!-- <li><a href =""><b>Home </b>&nbsp;&#x2616;</a> -->
          <a href ="/product"><b>All Products </b>&nbsp;&#x2692;</a>
          <a href =""><b>About us </b>&nbsp;&#x2709;</a>
          <a href =""><b>Contact us </b>&nbsp;&#x2706;</a>
          <a href ="/account"><b>Account </b>&nbsp;&#x2752;</a>
        </nav>
      <a href="/cart"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/cart.png" width="30px" height="30px"></a>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/menuu.png" class="menu-icon"
      onclick="menutoggle()">
      </div>
      <div class="row">
        <div class="col-2">
        <h1>Inventory Management System<br/>or Retailers</h1>
        The entire process of managing inventories from raw materials to finished
products
        <a href="" class="btn">Explore Now &#8594;</a>
        <div class="col-2">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/image.png">
        </div>
      </div>
    </div>
  </div>
  <!------featured categories----->
  <div class="categories">
    <div class="small-container">
      <div class="row">
        <div class="col-3">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product1.jpg">
        </div>
        <div class="col-3">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
```

```
storage.appdomain.cloud/product2.jpg">
        </div>
        <div class="col-3">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product3.jpg">
        </div>
      </div>
    </div>
  </div>
 <!-----featured products----->
 <div class="small-container">
  <h2 class="title">Featured Products</h2>
  <div class="row">
    <div class="col-4">
      <a href="/productdetails"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/product4.jpg"></a>
      <a href="/productdetails"><h4><br>Zoook Bomber Wired Optical Mouse (USB 2.0,
Black)</h4></a>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-o" ></i>
      </div>
      ₹499
    </div>
    <div class="col-4">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product5.webp">
      <h4><br/>spple Watch Series 8 (GPS, 41mm) - Midnight Aluminium Case</h4>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-half-o"></i>
      </div>
      ₹33,199
    </div>
    <div class="col-4">
```

```
<img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product6.jpg"><br><br>
      <h4><br><br><br><br><br>Card (Black)</h4></br><br/>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
      </div>
      ₹3,989
    </div>
    <div class="col-4">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
<h4><br>>VR Glasses (Smart Glasses Black For Mobile)</h4>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-half-o"></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
        </div>
        ₹1,390
    </div>
  </div><br><br>
  <h2 class="title">Latest Products</h2>
  <div class="row">
    <div class="col-4"><br><br>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl1.jpg">
      <h4><br>>Echo Dot (4th Gen) with clock | Next generation smart speaker & Alexa
(Blue)</h4>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-o" ></i>
      </div>
      ₹4,999
```

```
</div>
    <div class="col-4"><br>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl2.jpg">
      <h4><br>>AUN Projector for Home 4K, High Brightness Full HD Projector Native 1080p
        | 2.4G/5G WiFi Bluetooth | Android Apps Airplay/h4>
      <div class="rating">
         <i class="fa fa-star" ></i>
         <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
         <i class="fa fa-star-half-o" ></i>
         <i class="fa fa-star-o"></i>
      </div>
      ₹23,478
    </div>
    <div class="col-4"><br>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl3.jpg">
      <h4><br>OhO Video Sunglasses, 32GB 1080 HD Video Recording Camera for 1.5 Hours
         Video Recording Time with Built in 15MP Camera</h4>
      <div class="rating">
         <i class="fa fa-star" ></i>
         <i class="fa fa-star" ></i>
         <i class="fa fa-star-o" ></i>
         <i class="fa fa-star-o" ></i>
         <i class="fa fa-star-o" ></i>
      </div>
      ₹13,062
    </div>
    <div class="col-4">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl4.jpg">
      <h4>Robotic Vacuum, Smart Dynamic Navigation 2.0, Wi-Fi, Boundary Strips (G30 Hybrid)
- Black</h4>
      <div class="rating">
         <i class="fa fa-star" ></i>
         <i class="fa fa-star" ></i>
         <i class="fa fa-star"></i>
         <i class="fa fa-star-half-o" ></i>
         <i class="fa fa-star-o" ></i>
         </div>
```

```
₹12,300
   </div>
 </div>
 <div class="row">
   <div class="col-4">
     <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl5.jpg">
     <h4><br/>br>MI Xiaomi Wireless Home Security Camera 2i 2022 Edition | Full HD Picture |
360° View | 2MP (White)</h4>
     <div class="rating">
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star-o" ></i>
     </div>
     ₹3,499
   </div>
   <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl6.jpg">
     Brightest Display Screen, S Pen, Fast 4nm Processor, Phantom White</h4>
     <div class="rating">
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
       <i class="fa fa-star-half-o"></i>
     </div>
     ₹1,33,599
   </div>
   <div class="col-4"><br><br><br><br>
     <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl7.png">
     TV.
        4ms, 60Hz, HDR10 (Black)</h4>
     <div class="rating">
       <i class="fa fa-star" ></i>
       <i class="fa fa-star" ></i>
```

```
<i class="fa fa-star-half-o" ></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
      </div>
      ₹5,500
    </div>
    <div class="col-4"><br>
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl8.jpg">
      <h4>Oral B Vitality 100 Black Criss Cross Electric Rechargeable Toothbrush Powered by
Braun</h4>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-half-o" ></i>
        <i class="fa fa-star-o"></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
        </div>
        ₹1,359
    </div>
  </div>
 </div>
 <!---->
  <div class="offer">
    <div class="small-container">
      <div class="row">
        <div class="col-2">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/exclusive.png" class="offer-img">
        </div>
        <div class="col-2">
           Exclusively Available on RedStore
           <h1>Apple Watch<br>Series 8</h1>
           <small>Apple Watch Series 8 features temperature sensing for insights into women's
health, Car Crash Detection and sleep stages to understand your sleep.</small>
         <a href="" class="btn">Buy Now &#8594;</a>
        </div>
      </div>
    </div>
  </div>
  <!-- ---- testimonial --------
```

```
<div class="testimonial">
    <div class="small-container">
      <div class="row">
         <div class="col-3">
           <i class="fa fa-quote-left" ></i>
           Lorem Ipsum is simply dummy text of the printing and typesetting industry.
           Lorem Ipsum has been the industry's standard dummy text ever
           <div class="rating">
             <i class="fa fa-star" ></i>
             <i class="fa fa-star" ></i>
             <i class="fa fa-star"></i>
             <i class="fa fa-star" ></i>
             <i class="fa fa-star-o" ></i>
             </div>
             <a href="https://en.wikipedia.org/wiki/Bill_Gates"><img
src="https://kiran.buffer.s3.jp-tok.cloud-object-storage.appdomain.cloud/Billgates.jpg"></a>
             <h3>Bill Gates</h3>
         </div>
         <div class="col-3">
           <i class="fa fa-quote-left" ></i>
           Lorem Ipsum is simply dummy text of the printing and typesetting industry.
           Lorem Ipsum has been the industry's standard dummy text ever
           <div class="rating">
             <i class="fa fa-star" ></i>
             <i class="fa fa-star" ></i>
             <i class="fa fa-star"></i>
             <i class="fa fa-star" ></i>
             <i class="fa fa-star-o" ></i>
             </div>
             <a href="https://en.wikipedia.org/wiki/Sundar_Pichai"><img
src="https://kiran.buffer.s3.jp-tok.cloud-object-storage.appdomain.cloud/sundar.jpg"></a>
             <h3>Sundar Pichai</h3>
         </div>
         <div class="col-3">
           <i class="fa fa-quote-left" ></i>
           Lorem Ipsum is simply dummy text of the printing and typesetting industry.
           Lorem Ipsum has been the industry's standard dummy text ever
           <div class="rating">
             <i class="fa fa-star" ></i>
             <i class="fa fa-star" ></i>
             <i class="fa fa-star"></i>
```

```
<i class="fa fa-star-half-o" ></i>
             <i class="fa fa-star-o" ></i>
             </div>
             <a href="https://en.wikipedia.org/wiki/Steve_Jobs"><img
src="https://kiran.buffer.s3.jp-tok.cloud-object-storage.appdomain.cloud/steve.jpg"></a>
             <h3>Steve Jobs</h3>
         </div>
      </div>
    </div>
  </div>
<!-- ---- brands ------
<div class="brands">
  <div class="small-container">
    <div class="rows">
      <div class="col-5">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/amazon.png">
      </div>
      <div class="col-5">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/godrej.png">
      </div>
      <div class="col-5">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/samsung.png">
      </div>
      <div class="col-5">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/lenova.png">
      </div>
      <div class="col-5">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/paypal.png">
      </div>
    </div>
  </div>
</div>
<!-- ---- footer ------
<div class="footer">
  <div class="container">
    <div class="row">
```

```
<div class="footer-col-1">
       <h3>Download Our Application</h3>
       Download for both Android and iOS
       <div class="app-logo">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/playstore.png">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/appstore.png">
       </div>
      </div>
      <div class="footer-col-2">
       <img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/ims.png">
       Our Purpose is To Sustainably Make the Pleasure and Benefits of All
Accessories.
     </div>
      <div class="footer-col-3">
       <h3>Useful Links</h3>
       <l
          Blog Post
          Return Policy
          Coupons
          Join Affiliate
       </div>
      <div class="footer-col-4">
       <h3>Follow us</h3>
       ul>
         Facebook
         Twitter
          Instagram
          YouTube
       </div>
    </div>
    @Copyright 2020 - Easy Tutorials
  </div>
</div>
<!-- ---- js for toggle menu -----------------
<script>
```

```
var Menultems=document.getElementByld("Menultems");
  MenuItems.style.maxHeight="0px";
  function menutoggle(){
    if(MenuItems.style.maxHeight="0px")
      MenuItems.style.maxHeight="200px";
    }
    else
      MenuItems.style.maxHeight="0px";
    }
  }
</script>
<script>
  window.watsonAssistantChatOptions = {
   integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
   region: "au-syd", // The region your integration is hosted in.
   serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
   onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
   const t=document.createElement('script');
   t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
   document.head.appendChild(t);
  });
 </script>
</body>
</html>
product.html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>All Products - KGSP Store</title>
    k rel="stylesheet" href="../static/style.css">
```

```
k
href="https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500;600;700&display=
swap" rel="stylesheet">
    k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  </head>
  <body>
  <div class="container">
      <div class="navbar">
        <div class="logo">
          <a href="/"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/logo.png" width="80"></a>
      </div>
      <nav>
        ul id="MenuItems">
          <!-- <li><a href =""><b>Home </b>&nbsp;&#x2616;</a> -->
          <a href ="/product"><b>All Products </b>&nbsp;&#x2692;</a>
          <a href =""><b>About us </b>&nbsp;&#x2709;</a>
          <a href = ""><b>Contact us </b>&nbsp;&#x2706;</a>
          <a href ="/account"><b>Account </b>&nbsp;&#x2752;</a>
        </nav>
      <a href="/cart"></a><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/cart.png" width="30px" height="30px">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/menuu.png" class="menu-icon"
      onclick="menutoggle()">
      </div>
   </div>
 <div class="small-container">
 <div class="row row-2">
    <h2>All Products</h2>
    <select>
      <option>Default Shorting</option>
      <option>Short by price
      <option>Short by popularity</option>
      <option>Short by rating
      <option>Short by sale
    </select>
```

```
</div>
  <div class="row">
    <div class="col-4">
      <a href="/productdetails"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/product4.jpg"></a>
      <a href="/productdetails"><h4><br>Zoook Bomber Wired Optical Mouse (USB 2.0,
Black)</h4></a>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-o" ></i>
      </div>
      ₹499
    </div>
    <div class="col-4">
      <a href="/productdetails1"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/product5.webp"></a>
      <a href="/productdetails1"><h4><br>Apple Watch Series 8 (GPS, 41mm) - Midnight
Aluminium Case</h4></a>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-half-o"></i>
      </div>
      ₹33,199
    </div>
    <div class="col-4">
      <a href="/productdetails2"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/product6.jpg"><br></a>
      <a href="/productdetails2"><h4><br><br>GeForce GV-N710D3-2GL 2GB Graphics</a>
Card (Black)</h4></a>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
```

```
</div>
      ₹3,989
    </div>
    <div class="col-4">
      <a href="/productdetails3"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/product7.webp"><br></a>
      <a href="/productdetails3"><h4><br>VR Glasses (Smart Glasses Black For
Mobile)</h4></a>
      <div class="rating">
        <i class="fa fa-star" ></i>
        <i class="fa fa-star" ></i>
        <i class="fa fa-star-half-o"></i>
        <i class="fa fa-star-o" ></i>
        <i class="fa fa-star-o" ></i>
        </div>
        ₹1,390
    </div>
    <div class="row">
      <div class="col-4"><br><br>
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl1.jpg">
        <h4><br>>Echo Dot (4th Gen) with clock | Next generation smart speaker & Alexa
(Blue)</h4>
        <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-o" ></i>
        </div>
        ₹4,999
      </div>
      <div class="col-4"><br>
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl2.jpg">
         <h4><br>>AUN Projector for Home 4K, High Brightness Full HD Projector Native
1080p
          | 2.4G/5G WiFi Bluetooth | Android Apps Airplay/h4>
        <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
```

```
<i class="fa fa-star" ></i>
           <i class="fa fa-star-half-o" ></i>
           <i class="fa fa-star-o"></i>
         </div>
         ₹23,478
      </div>
      <div class="col-4"><br>
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl3.jpg">
         <h4><br/>br>OhO Video Sunglasses, 32GB 1080 HD Video Recording Camera for 1.5 Hours
           Video Recording Time with Built in 15MP Camera</h4>
         <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-o" ></i>
           <i class="fa fa-star-o" ></i>
           <i class="fa fa-star-o" ></i>
         </div>
         ₹13,062
      </div>
      <div class="col-4">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl4.jpg">
         <h4>Robotic Vacuum, Smart Dynamic Navigation 2.0, Wi-Fi, Boundary Strips (G30)
Hybrid) - Black</h4>
        <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star"></i>
           <i class="fa fa-star-half-o" ></i>
           <i class="fa fa-star-o" ></i>
           </div>
           ₹12,300
      </div>
    </div>
    <div class="row">
      <div class="col-4">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl5.jpg">
         <h4><br/>br>MI Xiaomi Wireless Home Security Camera 2i 2022 Edition | Full HD Picture |
360° View | 2MP (White)</h4>
```

```
<div class="rating">
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star-o" ></i>
        </div>
        ₹3,499
      </div>
      <div class="col-4"><br><br><br>
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl6.jpg">
        Brightest Display Screen, S Pen, Fast 4nm Processor, Phantom White</h4>
        <div class="rating">
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star-half-o"></i>
        </div>
        ₹1,33,599
      </div>
      <div class="col-4"><br><br><br><br>
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl7.png">
        <h4><br>>dr><br>>SAMSUNG 43" M70B Series 4K UHD USB-C Smart Monitor &
Streaming TV,
           4ms, 60Hz, HDR10 (Black)</h4>
        <div class="rating">
          <i class="fa fa-star" ></i>
          <i class="fa fa-star" ></i>
          <i class="fa fa-star-half-o" ></i>
          <i class="fa fa-star-o" ></i>
          <i class="fa fa-star-o" ></i>
        </div>
        ₹5,500
      </div>
      <div class="col-4"><br>
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl8.jpg">
```

```
<h4>Oral B Vitality 100 Black Criss Cross Electric Rechargeable Toothbrush Powered
by Braun</h4>
        <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-half-o" ></i>
           <i class="fa fa-star-o"></i>
           <i class="fa fa-star-o" ></i>
          <i class="fa fa-star-o" ></i>
          </div>
           ₹1,359
      </div>
    </div>
    <div class="page-btn">
      <span>1</span>
      <span>2</span>
      <span>3</span>
      <span>4</span>
      <span>&#8594;</span>
    </div>
   </div>
  </div>
 </div>
<!-- ---- footer ------
<div class="footer">
  <div class="container">
    <div class="row">
      <div class="footer-col-1">
        <h3>Download Our Application</h3>
        >Download for both Android and iOS
        <div class="app-logo">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/playstore.png">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/appstore.png">
        </div>
      </div>
      <div class="footer-col-2">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/ims.png">
        Our Purpose is To Sustainably Make the Pleasure and Benefits of All
Accessories.
```

```
</div>
     <div class="footer-col-3">
      <h3>Useful Links</h3>
      Blog Post
        Return Policy
        Coupons
        Join Affiliate
      </div>
     <div class="footer-col-4">
      <h3>Follow us</h3>
      <l
        Facebook
        Twitter
        Instagram
        YouTube
      </div>
   </div>
   <hr>
   @Copyright 2020 - Easy Tutorials
 </div>
<script>
 var Menultems=document.getElementById("Menultems");
 MenuItems.style.maxHeight="0px";
 function menutoggle(){
   if(MenuItems.style.maxHeight="0px")
   {
    MenuItems.style.maxHeight="200px";
   }
   else
    MenuItems.style.maxHeight="0px";
   }
 }
</script>
<script>
 window.watsonAssistantChatOptions = {
```

```
integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>
</body>
</html>
```

product-details.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Product Details - KGSPStore</title>
    k rel="stylesheet" href="../static/style.css">
    k
href="https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500;600;700&display=
swap" rel="stylesheet">
    k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  </head>
  <body>
  <div class="container">
      <div class="navbar">
        <div class="logo">
          <a href="/"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/logo.png" width="80"></a>
      </div>
      <nav>
```

```
ul id="MenuItems">
          <!-- <li><a href =""><b>Home </b>&nbsp;&#x2616;</a> -->
          <a href ="/product"><b>All Products </b>&nbsp;&#x2692;</a>
          <a href =""><b>About us </b>&nbsp;&#x2709;</a>
          <a href =""><b>Contact us </b>&nbsp;&#x2706;</a>
          <a href ="/account"><b>Account </b>&nbsp;&#x2752;</a>
        </nav>
      <a href="/cart"></a><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/cart.png" width="30px" height="30px">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/menuu.png" class="menu-icon"
      onclick="menutoggle()">
      </div>
    </div>
    <div class="small-container single-product">
      <div class="row">
        <div class="col-2">
          <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product4.jpg" width="70%" id="ProductImg">
          <div class="small-img-row">
            <div class="small-img-col">
              <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/side1.jfif" width="70%" class="small-img">
            </div>
            <div class="small-img-col">
              <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product4.jpg" width="50%" class="small-img">
            </div>
            <div class="small-img-col">
              <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/side2.jfif" width="70%" class="small-img">
            </div>
            <div class="small-img-col">
              <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/side3.jfif" width="70%" class="small-img">
            </div>
```

```
</div>
        </div>
        <div class="col-2">
          Gaming Mouse
          <h1>Zoook Bomber Wired Optical Mouse</h1>
          <h4>₹499.00</h4>
          <select>
            <option>Select Color</option>
            <option>Black
            <option>Blue</option>
            <option>Blue</option>
            <option>White</option>
          </select>
          <input type="number" value="1">
          <a href="/cart" class="btn">Add To Cart</a>
          <h3>Product Details <i class="fa fa-indent" ></i></h3>
          <br>
          Zoook Bomber Professional Gaming Mouse with 6 button design, it is easy for
you to take control of the mouse according to your requirements.
        </div>
      </div>
    </div>
    <!-----
    <div class="small-container">
      <div class="row row-2">
        <h2>Related Products</h2>
        View More
      </div>
    </div>
<!---->
 <div class="small-container">
    <div class="row">
      <div class="col-4"><br><br>
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl1.jpg">
        <h4><br>>Echo Dot (4th Gen) with clock | Next generation smart speaker & Alexa
(Blue)</h4>
        <div class="rating">
```

```
<i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-o" ></i>
         </div>
         ₹4,999
      </div>
      <div class="col-4"><br>
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl2.jpg">
         <h4><br>>AUN Projector for Home 4K, High Brightness Full HD Projector Native
1080p
           | 2.4G/5G WiFi Bluetooth | Android Apps Airplay/h4>
         <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-half-o" ></i>
           <i class="fa fa-star-o"></i>
         </div>
         ₹23,478
      </div>
      <div class="col-4"><br>
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl3.jpg">
         <h4><br>OhO Video Sunglasses, 32GB 1080 HD Video Recording Camera for 1.5 Hours
           Video Recording Time with Built in 15MP Camera</h4>
         <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star-o" ></i>
           <i class="fa fa-star-o" ></i>
           <i class="fa fa-star-o" ></i>
         </div>
         ₹13,062
      </div>
      <div class="col-4">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl4.jpg">
         <h4>Robotic Vacuum, Smart Dynamic Navigation 2.0, Wi-Fi, Boundary Strips (G30
```

```
Hybrid) - Black</h4>
        <div class="rating">
           <i class="fa fa-star" ></i>
           <i class="fa fa-star" ></i>
           <i class="fa fa-star"></i>
           <i class="fa fa-star-half-o" ></i>
           <i class="fa fa-star-o" ></i>
          </div>
           ₹12,300
      </div>
    </div>
    </div>
   </div>
  </div>
 </div>
<!-- ---- footer ------
<div class="footer">
  <div class="container">
    <div class="row">
      <div class="footer-col-1">
        <h3>Download Our Application</h3>
        >Download for both Android and iOS
        <div class="app-logo">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/playstore.png">
           <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/appstore.png">
        </div>
      </div>
      <div class="footer-col-2">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/ims.png">
        Our Purpose is To Sustainably Make the Pleasure and Benefits of All
Accessories.
      </div>
      <div class="footer-col-3">
        <h3>Useful Links</h3>
        Blog Post
           Return Policy
```

```
Coupons
        Join Affiliate
      </div>
     <div class="footer-col-4">
       <h3>Follow us</h3>
      Facebook
        Twitter
        Instagram
        YouTube
      </div>
   </div>
   <hr>
   @Copyright 2020 - Easy Tutorials
 </div>
</div>
<script>
 var Menultems=document.getElementByld("Menultems");
 MenuItems.style.maxHeight="0px";
 function menutoggle(){
   if(MenuItems.style.maxHeight="0px")
   {
     MenuItems.style.maxHeight="200px";
   }
   else
     MenuItems.style.maxHeight="0px";
   }
 }
</script>
<!----- js for product gallery ----->
<script>
 var ProductImg = document.getElementById("ProductImg");
 var SmallImg = document.getElementsByClassName("small-img");
 SmallImg[0].onclick = function()
 {
   ProductImg.src = SmallImg[0].src;
 }
```

```
SmallImg[1].onclick = function()
    ProductImg.src = SmallImg[1].src;
  SmallImg[2].onclick = function()
    Productimg.src = Smallimg[2].src;
  SmallImg[3].onclick = function()
    ProductImg.src = SmallImg[3].src;
  }
</script>
<script>
  window.watsonAssistantChatOptions = {
   integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
   region: "au-syd", // The region your integration is hosted in.
   serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
   onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
   const t=document.createElement('script');
   t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.is";
   document.head.appendChild(t);
 });
 </script>
</body>
</html>
cart.html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Cart - RedStore</title>
    k rel="stylesheet" href="../static/style.css">
```

```
k
href="https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500;600;700&display=
swap" rel="stylesheet">
    k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
  </head>
  <body>
  <div class="container">
      <div class="navbar">
        <div class="logo">
          <a href="/"><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/logo.png" width="80"></a>
     </div>
      <nav>
        ul id="MenuItems">
          <!-- <li><a href =""><b>Home </b>&nbsp;&#x2616;</a> -->
          <a href ="/product"><b>All Products </b>&nbsp;&#x2692;</a>
          <a href =""><b>About us </b>&nbsp;&#x2709;</a>
          <a href = ""><b>Contact us </b>&nbsp;&#x2706;</a>
          <a href ="/account"><b>Account </b>&nbsp;&#x2752;</a>
        </nav>
      <a href="/cart"></a><img src="https://kiran.buffer.s3.jp-tok.cloud-object-
storage.appdomain.cloud/cart.png" width="30px" height="30px">
      <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/menuu.png" class="menu-icon"
      onclick="menutoggle()">
      </div>
    </div>
<!----card items details---->
<div class="small-container cart-page">
  Product
      Quantity
      Subtotal
    <div class="cart-info">
```

```
<img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/product4.jpg">
         <div>
           Zoook Bomber Wired Optical Mouse
             <br>(USB 2.0, Black)
           <small>Price : ₹499.00
           <br>
           <a href="">Remove</a>
         </div>
       </div>
     <input type="number" value="1">
     ₹499.00
   <div class="cart-info">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl1.jpg">
           Echo Dot (4th Gen) with clock | Next generation smart speaker & Alexa
(Blue)
           <small>Price : ₹4,999.00
           <br>
           <a href="">Remove</a>
         </div>
       </div>
     <input type="number" value="1">
     ₹4,999.00
   <div class="cart-info">
         <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/productl6.jpg">
         <div>
           SAMSUNG Galaxy S22 Ultra, 256GB, 8K Camera & Video, <br>S Pen, Fast 4nm
Processor, Phantom White
           <small>Price : ₹1,33,599.00</small>
           <br>
```

```
<a href="">Remove</a>
        </div>
      </div>
     <input type="number" value="1">
     ₹1,33,599.00
   <div class="total-price">
   Subtotal
      ₹499.00
     Tax
      ₹13.00
     Total
      ₹512.00
     </div>
</div>
<!-- ---- footer ------
<div class="footer">
 <div class="container">
   <div class="row">
     <div class="footer-col-1">
       <h3>Download Our Application</h3>
       Download for both Android and iOS
      <div class="app-logo">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/playstore.png">
        <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/appstore.png">
       </div>
     </div>
```

```
<div class="footer-col-2">
       <img src="https://kiran.buffer.s3.jp-tok.cloud-object-</pre>
storage.appdomain.cloud/ims.png">
       Our Purpose is To Sustainably Make the Pleasure and Benefits of All
Accessories.
     </div>
     <div class="footer-col-3">
       <h3>Useful Links</h3>
       Blog Post
        Return Policy
         Coupons
         Join Affiliate
       </div>
     <div class="footer-col-4">
       <h3>Follow us</h3>
       ul>
         Facebook
        Twitter
         Instagram
         YouTube
       </div>
   </div>
   <hr>
   @Copyright 2020 - Easy Tutorials
 </div>
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   }
   else
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```

```
}
  }
</script>
<script>
  window.watsonAssistantChatOptions = {
   integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
   region: "au-syd", // The region your integration is hosted in.
   serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service
instance.
   onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
   const t=document.createElement('script');
   t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
   document.head.appendChild(t);
 });
</script>
</body>
</html>
```

13.2 GitHub & Project Demo Link

GitHub Repository Link:

https://github.com/IBM-EPBL/IBM-Project-18420-1659684871

Project Demo Link:

https://drive.google.com/file/d/10xGoAyDGZvMDMSOy82Dhrb5ScDOiSfc M/view?usp=drivesdk