Lovepreet

3136575

ShopClue Web App

Section 1 – Project Planning & Design

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# Task 1 – Identyfying Task Problems:

-Information of Client

|  |  |
| --- | --- |
| Client Name | Samrath Singh |
| Project Name | Shopeclues |
| Client Contact | 0225648043 |
| Email | [Pb02love@gmail.com](mailto:Pb02love@gmail.com) |
| Estimated date | 20 Nov 2021 |

**Project Deliverables**

The deliverables of the project are:

|  |  |
| --- | --- |
| Deliverable | Description |
| Final Report | This will be the final report of the project. |
| Coding | The executable code of the project will go under this. |
| Documentation | This portrays the documentation of the project. |
| Testing | All the test details will be covered in this part. |

**Resource Requirements**

* Windows Operating System.
* Microsoft word for documentation.
* Asp.net MVC Framework
* 64-bit Processor and 4 GB or more RAM
* Identity framework- ASP

**Project Tasks and Milestones**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tasks** | **Week-1** | **Week-2** | **Week-3** | **Week-4** |
| Brainstorming and analysis | Done |  |  |  |
| Planning and initial meeting Project Proposal document. |  | Done |  |  |
| Database Design and UI Design |  |  | Done |  |
| Identity framework implementation |  |  | Done |  |
| Coding for admin and reporter |  |  | Done |  |
| Testing |  |  |  | Done |
| Final Documentation and closing |  |  |  | Done |

Objectives:

1. **Coding Error :** One of the most common problem in the Web App project is writing a clean code without a single error. In my project I had written a clean code without any error as well as all the code is commented properly to make the coding clear.
2. **Poor Content:** While working on the project I noticed the poor content issue which comes in many Web apps So, I have used better quality Images in my project and updated content is used In the project.
3. **Poor Visual Design:** Using the dull color in the website makes the customer run away from the Web app. So, I have used different products and product images to make it unique and makeit more attractive.

**Task-2** Document Requirments

**Functional and Non-Functional**

|  |  |
| --- | --- |
| **Users** | **Functional** |
| **Admin** | * Login/logout * Register new admins * Admin can add, edit, delete, check details for product section and section categories of item. * Admin can edit, delete and check details for product information available at database. |
| **Customer** | * Can view details of all products available at database * Registered user capable to access the buying URL of products available * New customers can register for free. * Login using valid credentials |
|  | **Non- Functional** |
|  | * High speed * Fast Loading time * High performance and security * All browsers compatibility. |

Timing:

The total timing taken to make the project is defined below:

Reading the Project: Firstly I read the project requirements and after reading it took me 3 days to final the project name and logo. (8/11/2021-11/11/2021). 5 hour each day.

Making the Project proposal: After understanding the requirments I started making the project proposal which took me 2 days.(12/11/2021-14/11/2021). 4 hour each day.

Researching and making final project: After the completion of theory part, I started making with logo and attached the pictures and designed the Web app which took me 8 days to complete.(15/11/2021-23/11/2021). 8 hours each day.

Cost of the Project-

|  |  |
| --- | --- |
| Web App Features | Web App Cost |
| Web Domain | $120 |
| Web Theme | $200 |
| Web Content | $600 |
| Login Page | $200 |
| Total cost | $1120 |

Project Management:

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Pages | Pass | Fail |
| 1. | Homepage | Pass |  |
| 2. | Section Page | Pass |  |
| 3. | Category | Pass |  |
| 4. | Product | Pass |  |
| 5. | Admin | Pass |  |

**PHASE 1**

The Shopclue Project made by me has a great value and judgmental options among the customers as it is very easy to use and has a good understanding language that can be easily understood by any new user.

The project also has less issues and problems as proper testing of the project is done.

**PHASE 2**

It Brings the Possible solutions and changes according to the customer needs. The Project can be easily used with a good surfing speed. All the necessary items are added in the project.

Risk Management:

Risk management in a website defines the negative factor occuring in externally or internally. There are many things in the web app that causes risk management faliure:

Adding Unnecessary features: Adding unnecessary features and pages in the web app cause risk management as it drives the customer away.

Web App Stability: App should be properly designed so that it dosent shows the error like browser crash, incompatible browser or incorrect memory usage.

Poor Scope: Poor scope in the Web App results in bad ratings of the web app as scope defines all the useful features of the web app.

Identifying: The key to a better Web App is finding errors in the app and correct them such as content, scope and goals to avoid a risk in the Web App.

Client Meeting:

The client was my friends mutual friend who ask me to made a clothing Web App for him. He told me so many requirments that he needs in the Web App like some of the Goals, Scope, Purpose and the type of Web App he wants, about the business.

Target Audience

To make more sales from the web app we had also thought about the feature of the target audience in the web app which saves the time of the customers by which any customer of any age and from anywhere can search and buy the products. It also helps company in many other ways like finding the customers who uses the company products or services and helps to find the unique and common characteristics.

**Project Assumptions**

Following are the assumption made while implementing the project:

* One admin and registered visitor will be registered by default.
* There is no charge for the web app and it is open source.

Task3-DesignMockupsDiagram

Description automatically generated with medium confidenceA picture containing graphical user interface

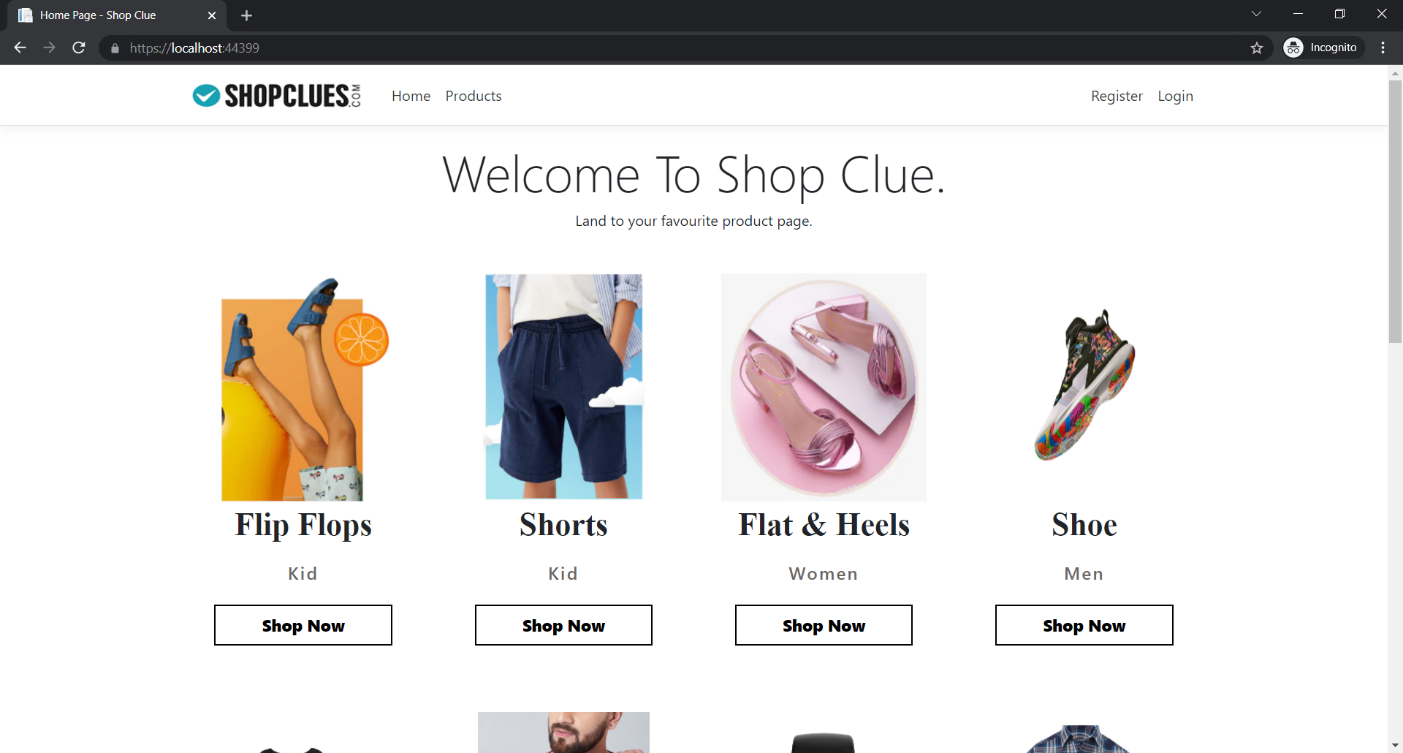
Description automatically generatedGraphical user interface, text

Description automatically generated

**Detail Design**

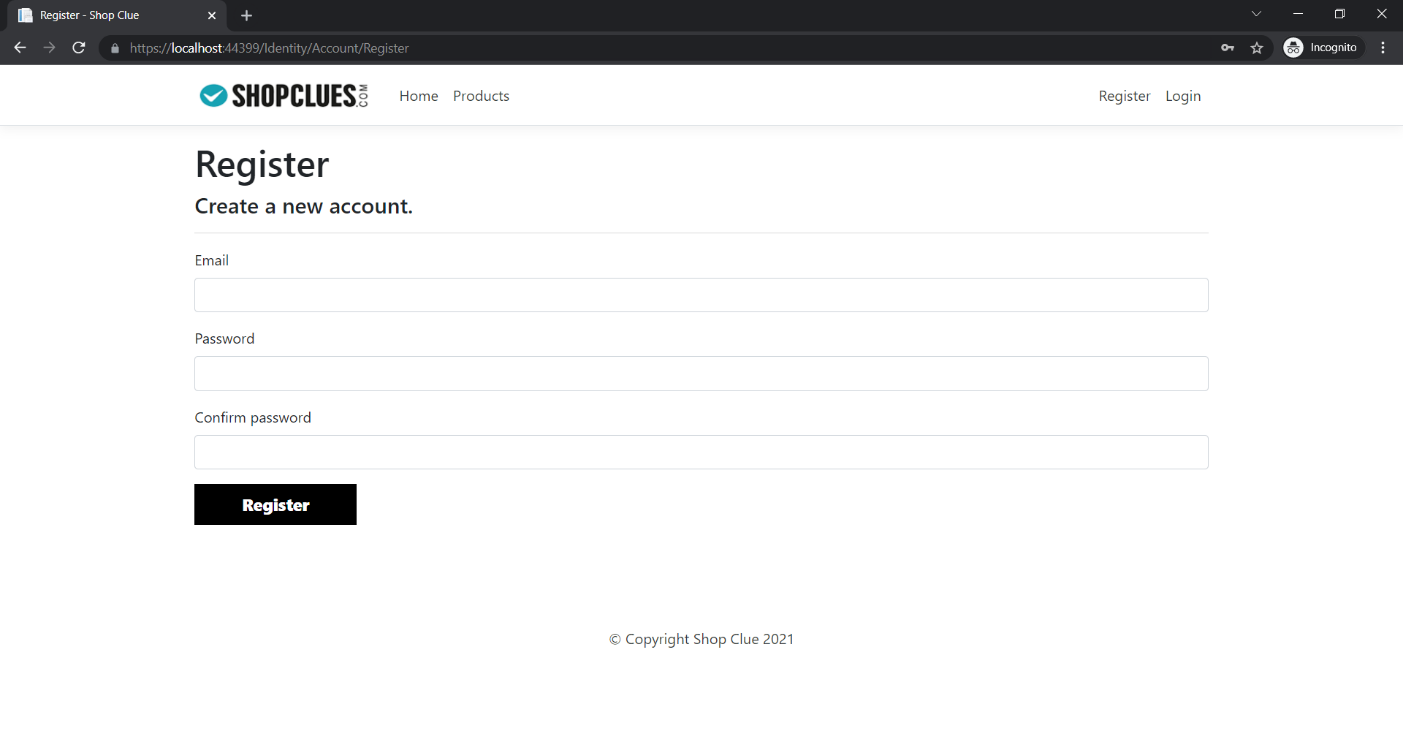
**Home Page**

The main landing page of the application. On navigation bar options are- Home, Products, Register and Login. This displays the all-section category’s view with link to Shop Now button.



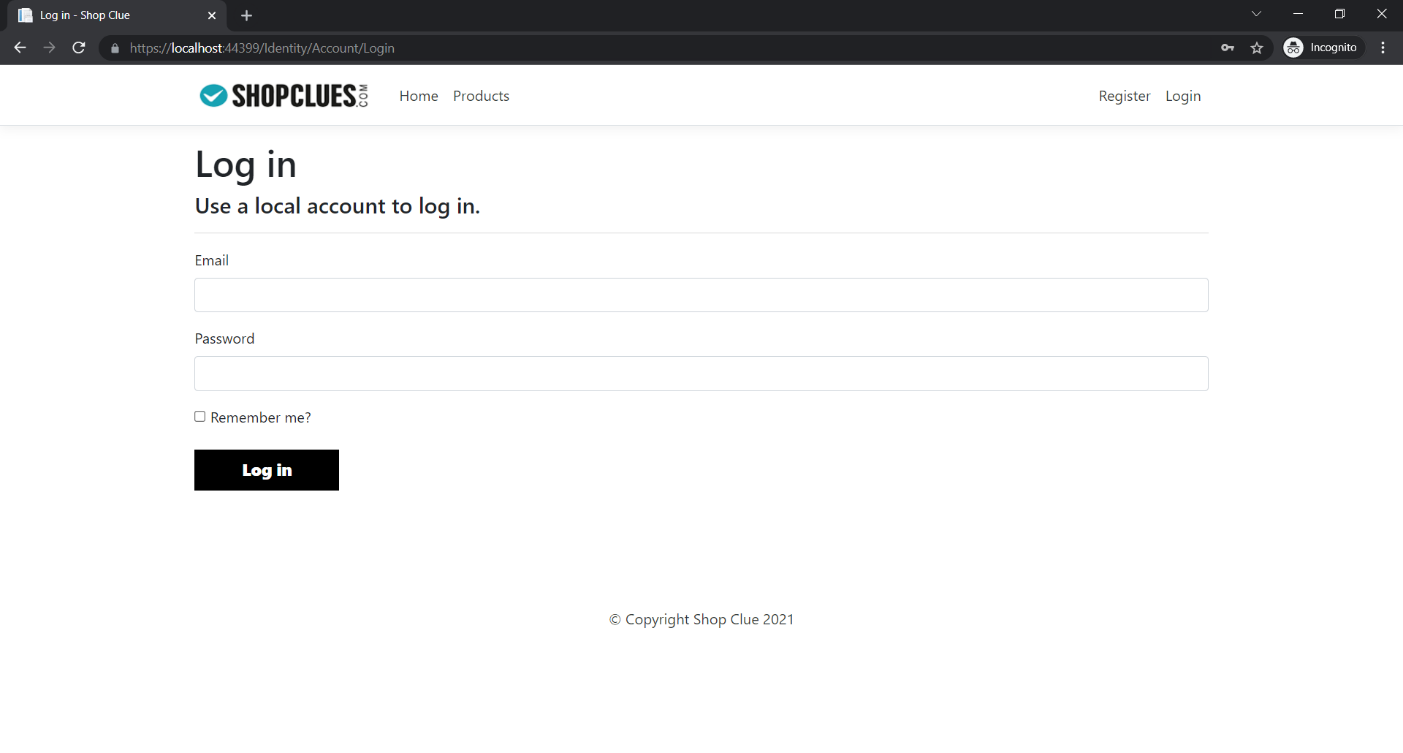
**Register Page**

With the help of this page, new visitor can register online



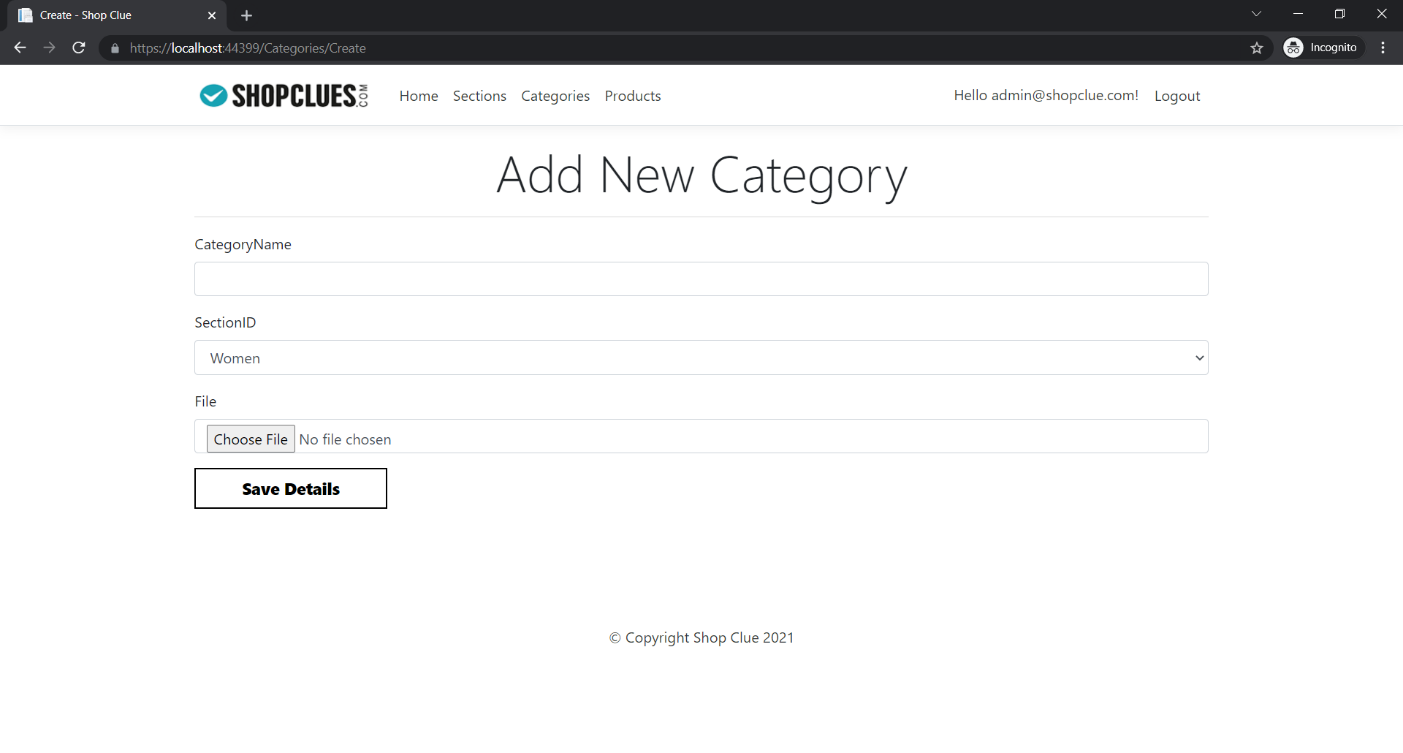
**Login Page**

With the help of this page, visitor can login to page and access unrestricted page.



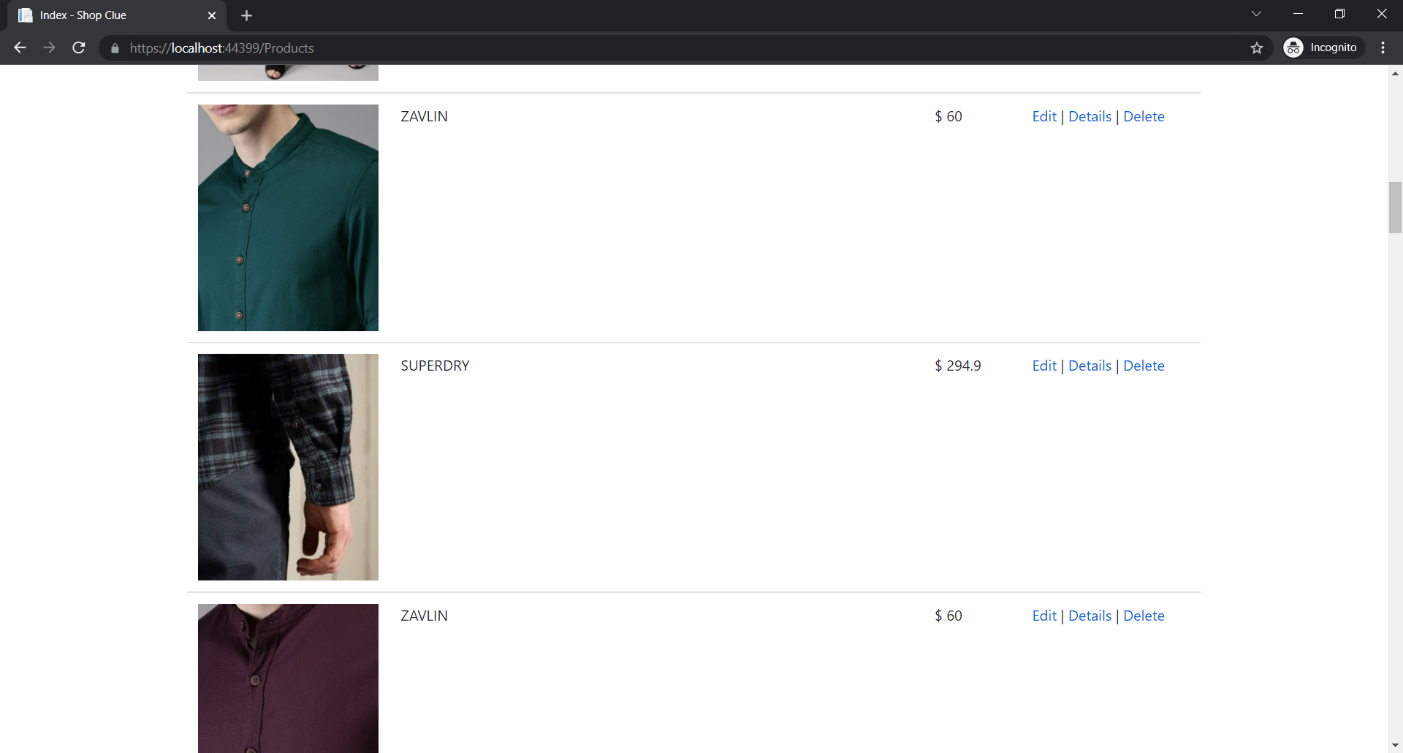
**Add Section Category Admin Page**

This page provides a way to add new Category of Section to database.



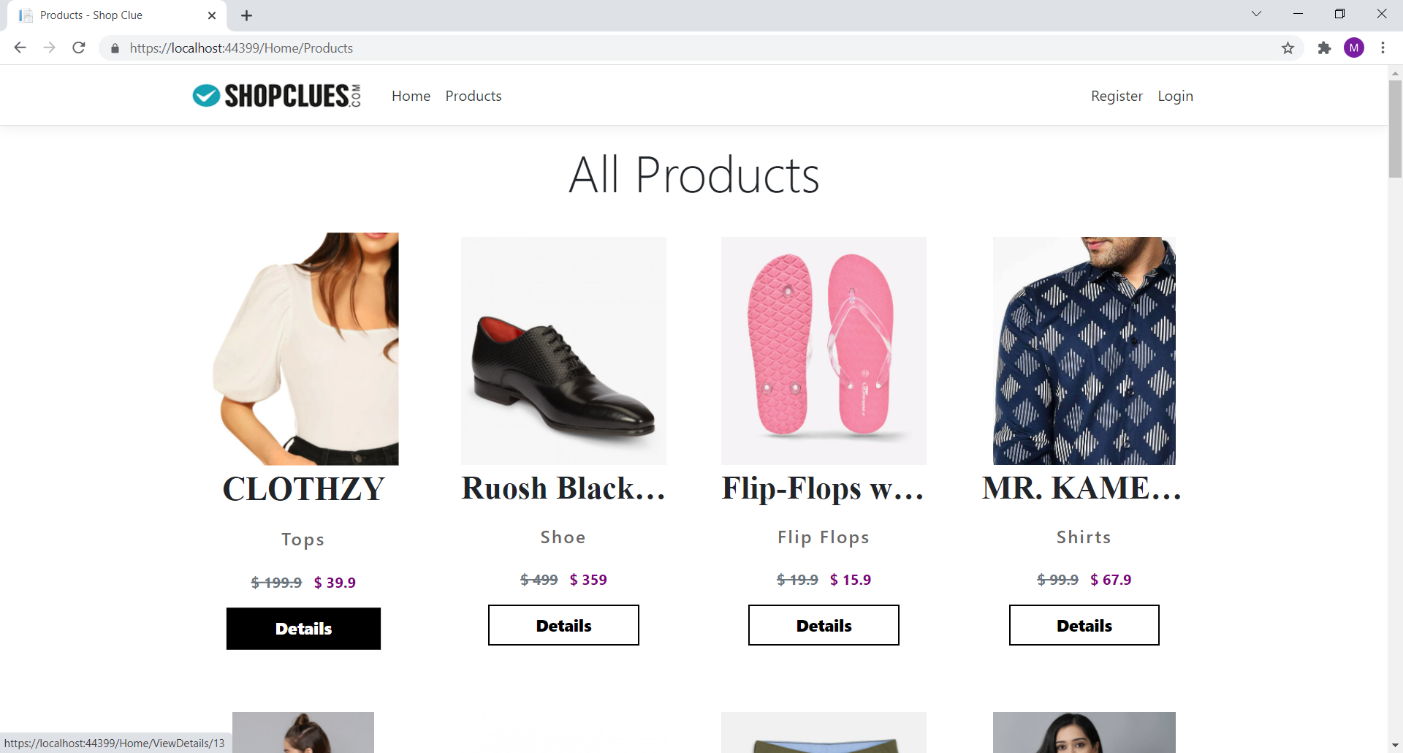
**All Products Admin View**

With the help of this page admin can view all products details and link to edit, delete and view their details.



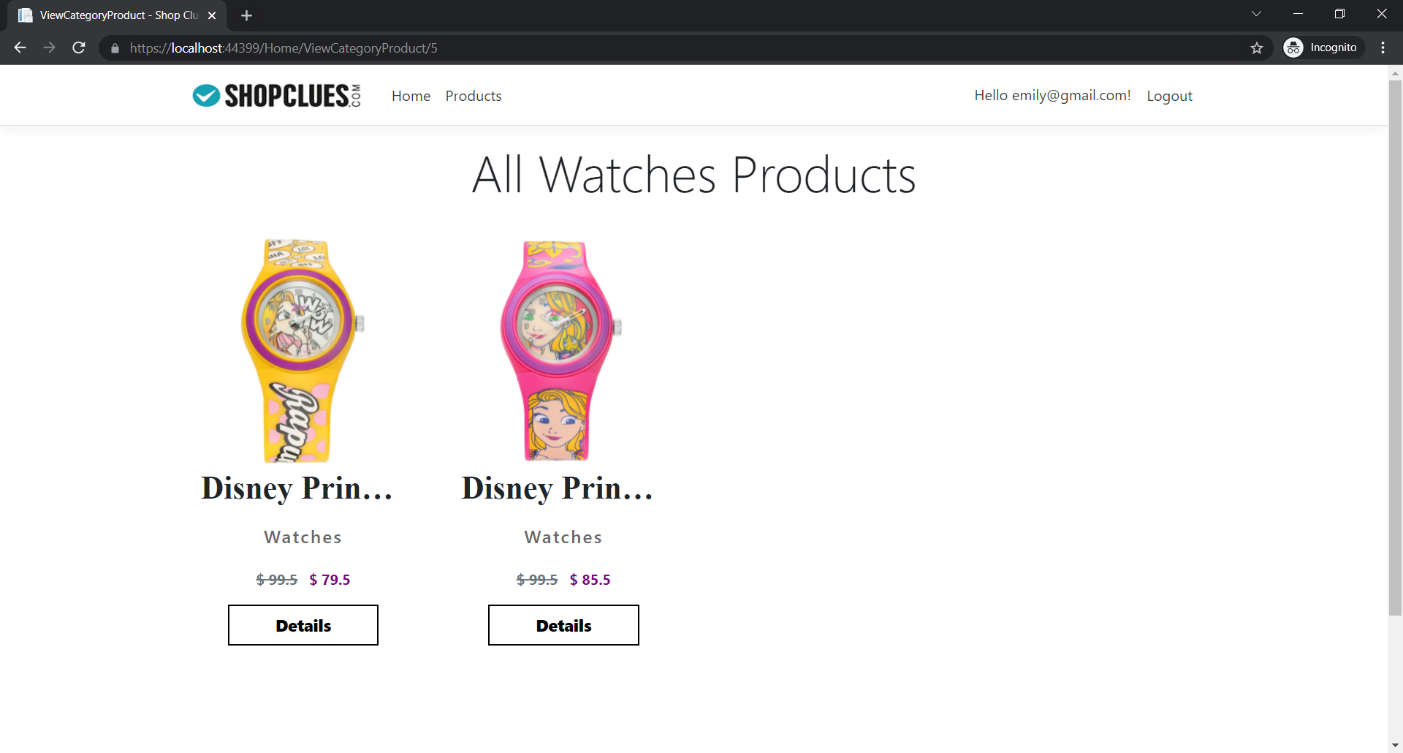
**All Product Page View**

With the help of this page Visitor/Registered user can view all product information with Details link.



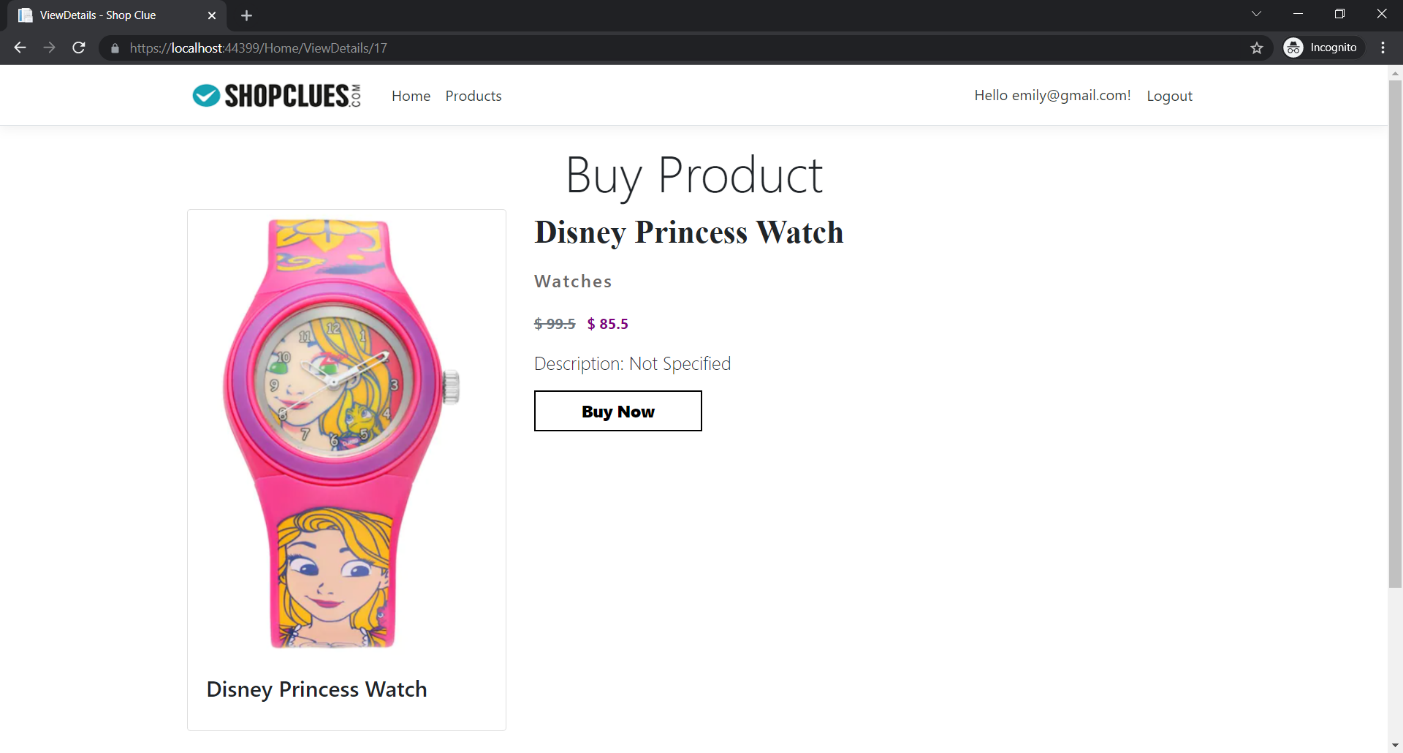
**Category Wise Product View**

With the help of this page visitor can view all product of a category with Details Link.



**Product Details Page**

This page shows the Product Details with Buy Now link to registered user.



**Color Scheme**

Different color combination are added in the Web App to make it more attractive as the Logo is of the blue and white color by which the client was so impressed.

Section 2 – Project Development

Task 4-

Coding:

The coding is added in the Web app with added Comments.

Task 5- Usability Testing

**The Testing file of the project is added below:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | | TC1 | | | |
| **Test Case Title** | | verify the launching of web app | | | |
| **Pre-Conditions** | | Browser the web app | | | |
| **Post-Conditions** | | Website should be launched successfully | | | |
| **Step No.** | **Test Step** | **Input Data** | **Expected Result** | **Actual Result** | **Test Step Result** |
| 1 | open [project](http://www.authordeus.azurewebsites.com) in Visual studio |  | website index page should open | As Expected | Pass |
| 2 | Close the Home page by clicking close button on browser |  | Website should close. | As Expected | Pass |
| 3 | Manually Launched website using localhost |  | website home page should open | As Expected | Pass |

# Project Testing

**Test Case 1**

**Test Case 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | | TC2 | | | |
| **Test Case Title** | | Verify login with valid username and password | | | |
| **Pre-Conditions** | | username and password are saved into the database | | | |
| **Post-Conditions** | | User is validated with database and successfully login to the account. | | | |
| **Step No.** | **Test Step** | **Input Data** | **Expected Result** | **Actual Result** | **Test Step Result** |
| 1 | Launch web app in a new browser window |  | Login screen of website should display. | As Expected | Success |
| 2 | Enter valid User id and correct password | User : admin@shopclues.com  Password: 1qaz2wss@ | Entered User Id should display in "User Id" field  Enter Password should be masked as "\*" | As Expected | Success |
| 3 | Click "Login" button |  | Home page should open and user id should display at the top right side on the page. | As Expected | Success |
| 4 | Enter valid User Id and incorrect Password | User : admin@shopclues.com  Password: 1qazX | Error Message should appear for incorrect password. | As Expected | Success |
| 5 | Enter Invalid User Id and correct password | User : ad@shopclues.com  Password: 1qaz2@ | Error Message should appear for incorrect User ID. | As Expected | Success |
| 6 | Enter Invalid User Id and incorrect password | User : amin@shopclues.com  Password: 1qa | Error Message should appear for incorrect User ID and password | As Expected | Success |

**Test Case 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | | TC3 | | | |
| **Priority** | | High | | | |
| **Test Case Title** | | Verify website Home Page interface | | | |
| **Pre-Conditions** | | Open website in a browser | | | |
| **Post-Conditions** | | Home page interface should correct and working correctly. | | | |
| **Step No.** | **Test Step** | **Input Data** | **Expected Result** | **Actual Result** | **Test Step Result** |
| 1 | Verify Home Page |  | should display all options | As Expected | Success |
| 2 | Verify navigation bar |  | Following options should be available in navigation bar   * Home * Gallery * Publisher Registration * Register an Admin * Login | As expected | Success |

## System Usability Testing

### Testing

**Tester 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tester –1** | | **Answer Scale** | | | | |
| **No.** | **Question** | **Strongly Disagree (1)** | **Disagree (2)** | **Normal (3)** | **Agree (4)** | **Strongly Agree (5)** |
| 1 | I think that I would like to use this system frequently |  |  |  |  |  |
| 2 | I found the system complex |  |  |  |  |  |
| 3 | I thought the system was easy to use |  |  |  |  |  |
| 4 | I found the various functions in this system were well integrated |  |  |  |  |  |
| 5 | I thought there was too much inconsistency in this system |  |  |  |  |  |
| 6 | I would imagine that most people would learn to use this system very quickly |  |  |  |  |  |
| 7 | I felt very confident using the system |  |  |  |  |  |

**Tester-2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tester –2** | | **Answer Scale** | | | | |
| **No.** | **Question** | **Strongly Disagree (1)** | **Disagree (2)** | **Normal (3)** | **Agree (4)** | **Strongly Agree (5)** |
| 1 | I think that I would like to use this system frequently |  |  |  |  |  |
| 2 | I found the system complex |  |  |  |  |  |
| 3 | I thought the system was easy to use |  |  |  |  |  |
| 4 | I found the various functions in this system were well integrated |  |  |  |  |  |
| 5 | I thought there was too much inconsistency in this system |  |  |  |  |  |
| 6 | I would imagine that most people would learn to use this system very quickly |  |  |  |  |  |
| 7 | I felt very confident using the system |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User | Task-1  Tested each page of Web APP | Task-2  Registered as per New User & saved password in Web App | Task-3  Loged In & reviewed products | Comments  Pass/fail |
| Love12@gmail.com | Working | Working | Working | pass |
| Sam34@gmail.com | Working | Working | Working | pass |
| Simran56@gmail.com | Working | Working | Working | pass |

Task 6- Meeting with your client-

The client was my friends mutual friend who ask me to made a clothing Web App for him. He told me so many requirments that he needs in the Web App like some of the Goals, Scope, Purpose and the type of Web App he wants, about the business.

|  |
| --- |
| **Meeting Details** |
| * Date and Time: 15-10-21 & 1500 * Location: At Restaurant |
| **Attendees**   * Lovpreet Singh * Samrath Singh |
| Promote the engagement of project file and we provide the customer can find easily each products though this website. |
| Client talk about main important role of this project file discuss the over view of this Web App and look attractive to every one. |
| * The client want the customer satisfaction * regular status update * performed accurately * consistently and ability to listen patiently. |
| **Questions Requiring Follow-up**  Writing an effective yet polite follow up email that gets a quick response from customers. |
| **Comments**   * Ability to listen the patiently * ability to effectively exprees oraly and in writing |
| **Next Meeting**   * Date and Time: 10-11-21 * Location: At Cafe |

My developer’s name: **Lovepreet Singh**

This form is regarding to review the connection skills of your developer for this assignment. Your review will partly count towards their final mark.

**Grading scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| Strongly disagree | Disagree | Ok | Agree | Strongly Agree |

**Review your developer**

|  |  |  |
| --- | --- | --- |
| Item | Grade | Comments |
| Communication and effectively | A | All Good |
| Kept you informed of the progress | A++ | All Good |  |
| Met timelines | A | All Good |
| Responded promptly to problems | B++ | All Good |
| Met overall project objectives | A | Under processing |
| Was open to new ideas and suggestions | A | All Good |
| Was easy to work with | A | All Good |

**Signed by Client**

|  |  |
| --- | --- |
| **Signature: Samrath Singh** | **Date: 17/11/2021** |
| **Name: Samrath** | **Title: Final Project** |
| **Contact details (email/Tel):** **Samrath9988@gmail.com** | |

Section 3- Presentation and reflection

Task 7- Presentation

Video Recording Presentation Submitted in the Github.[LOVEPREET SINGH (3156575).zip](LOVEPREET%20SINGH%20(3156575).zip)

Task 8- Software Development Cycle

Planning:

Software Planning is done by reading the Project Folder and writing all of the project, Scope, Goals in the Project Template.

Requirments:

All the requirments are completed in the ShopClues Web App like Logo, Content, High Quality images, Admin and User roles.

Software Design:

Software Designing was done after completing the requirments and making the wireframe design of the Web App.

Testing:

Software testing is done properly and a additional testing excel format is attached in the documentation folder.

The Code is well written with the comments and the Web App is Browsing fast in the browsers.

***Web App Instructions***

**Briefing:**

**Accessibility**

Only registered users can access the features of this application.

* **Admin:** Admin has full access of the app can register new admins.
* **Registered Visitor:** New visitor can register and existing can login using their own credentials. They have limited access.

Task 9- Project Management

Evaluation of the Project:

The web app developed brings many updated and cool features and products for the customers as well as provides URL Link of site to buy products which helps in saving time of a customer. There are two person profile created in webs app from which one is the Admin and other is the User. They both have their own roles as the admin can update features and also can add products on the Web App on the other hand customer can create their profile and can add products in their shopping cart.

* Respondind to a changeover in a planned manner
* Documentation software in use
* Its very quick and its easy to implementing the agile

I faced many problems in creating the web app and as well as I learned many things about the Web Software Application. After the evaluation I get to know my weakness and strength in coding. I learned to buy better products, learned to buy the domain names, learned to differenciate between the product quality and variation to add the better products to Web App to raise more traffic on Web App.