



URBAN THRIFT

THRIFTING PORTAL

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OUR TEAM

TEAM 11

GUIDE: Ms. SHEENA K.V

- ANANYA SUNIL, 18
- NIKHIL SAVIO ROZARIO, 50
- PARVATHY ANIL, 52
- SANDRA JOHN, 55
- SEBIN KURIAKOSE, 65



Introduction

It is the ultimate destination for budget-conscious college students like us. We know how overwhelming it can be to juggle textbooks, and all the other expenses that come with college life. That's why we've created a platform where you can buy and sell pre-loved items within the college community, making it easier than ever to save money and reduce waste.

Problem Statement

The objective of this project is to design and develop a thrift (second hand product) sale website for students of the college to share pre-used or preloved items and also generate a passive income.

MOTIVATION

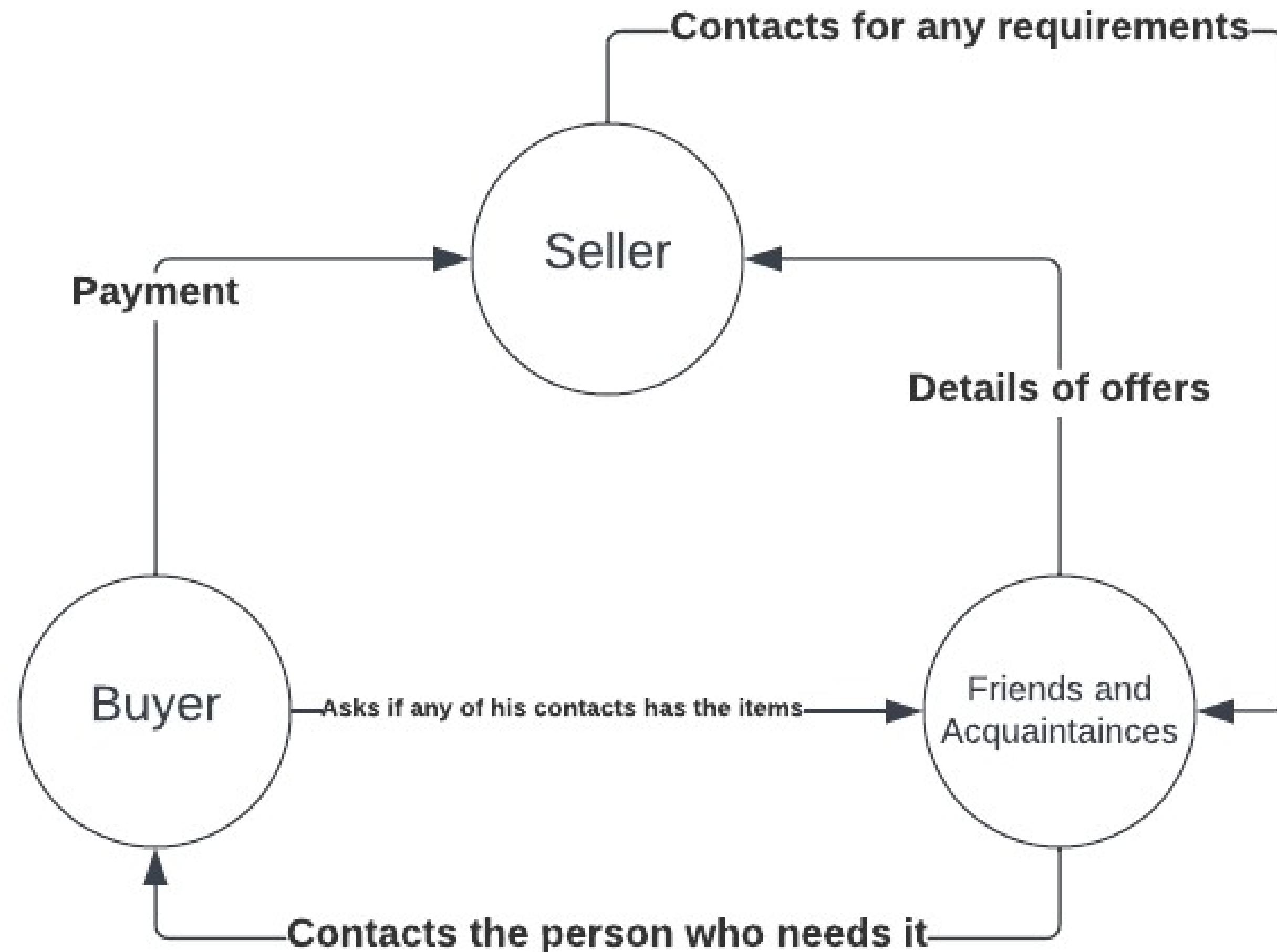
- ***REDUCE WASTE AND PROMOTE SUSTAINABILITY***
- ***FOSTERING A SENSE OF COMMUNITY***

SCOPE

- ***THE SCOPE OF THRIFT WEBSITES EXTENDS BEYOND THE BOUNDARIES OF TRADITIONAL RETAIL.***
- ***THESE ONLINE PLATFORMS HAVE REVOLUTIONIZED THE CONCEPT OF THRIFT SHOPPING BY CREATING A GLOBAL MARKETPLACE FOR PRE-OWNED FASHION ITEMS, ACCESSORIES, AND HOME GOODS.***

Current System

Current Thrifting system includes contacting people we know according to our needs. Thrifting is a very sustainable and eco friendly practise but we mostly depend on acquaintances for demand and supply process.



Literature Survey

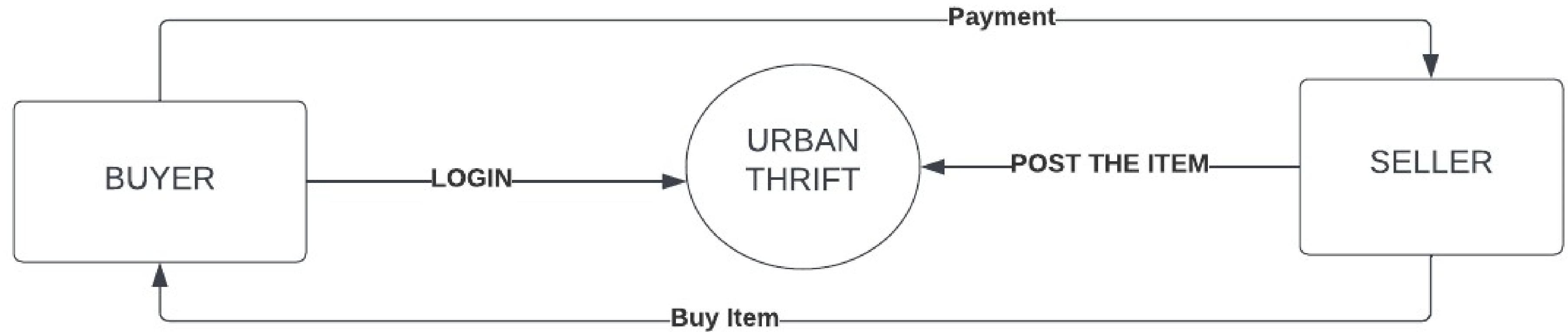
Name	Author	Year	Summary
<i>The clothes swapping phenomenon – when consumers become suppliers</i>	<i>Claudia E Henninger, Nina Bürklin, Kirsi Niinimäki</i>	2019	<ul style="list-style-type: none">• <i>Findings indicate that consumers were most concerned with availability/sizing and quality of garments.</i>• <i>Whilst organizers felt uncertainty was the biggest issue.</i>

Name	Author	Year	Summary
<i>Consumer acceptance of electronic commerce: Integrating trust and risk with the technology acceptance model.</i> .	Pavlou, P. A.	2003	<ul style="list-style-type: none">• <i>The first, exploratory study comprises three experiential scenarios with 103 students.</i>• <i>The second, confirmatory study uses a sample of 155 on-line consumers.</i>• <i>Both studies strongly support the e-commerce acceptance model by validating the proposed hypotheses.</i>

Name	Author	Year	Summary
<i>Social media and e-commerce: A scientometrics analysis</i>	<i>E. Taiebi Javid, M. Nazari, M. R. Ghaeli</i> <i>International Journal of Data and Network Science</i>	2003	<ul style="list-style-type: none">• <i>Scientometrics is the field of study which concerns itself with measuring and analysing scholarly literature.</i>• <i>The findings show that researches have grown exponentially since 2009 and the trend has continued at relatively stable rates.</i>

Proposed System

Through our website the students will be able to post the items to be sold and the students with requirements will be able to easily find sellers and buy from them at a much more cheaper cost.



ADVANTAGES



CREATE A
CENTRALIZED
PLATFORM

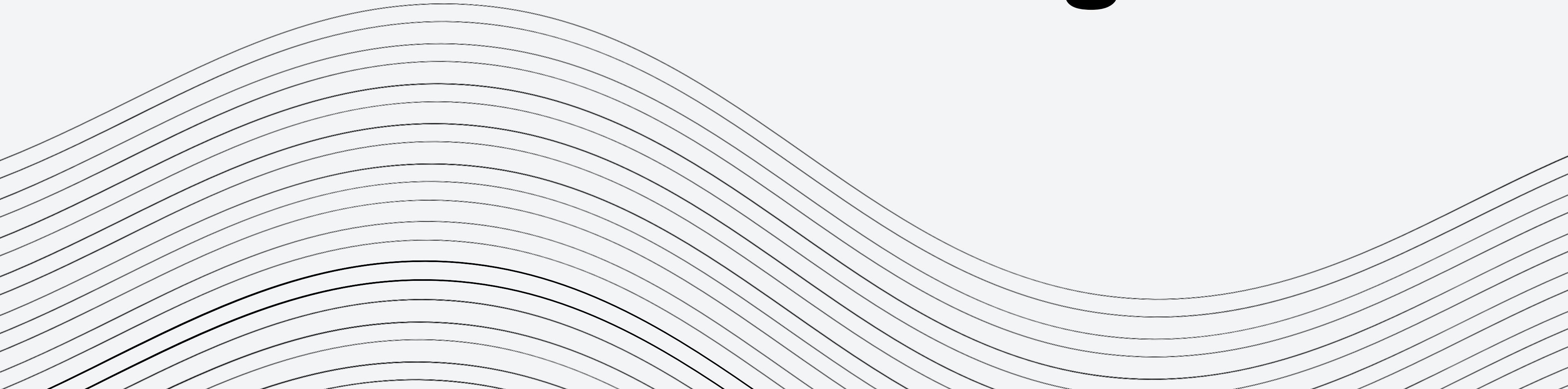


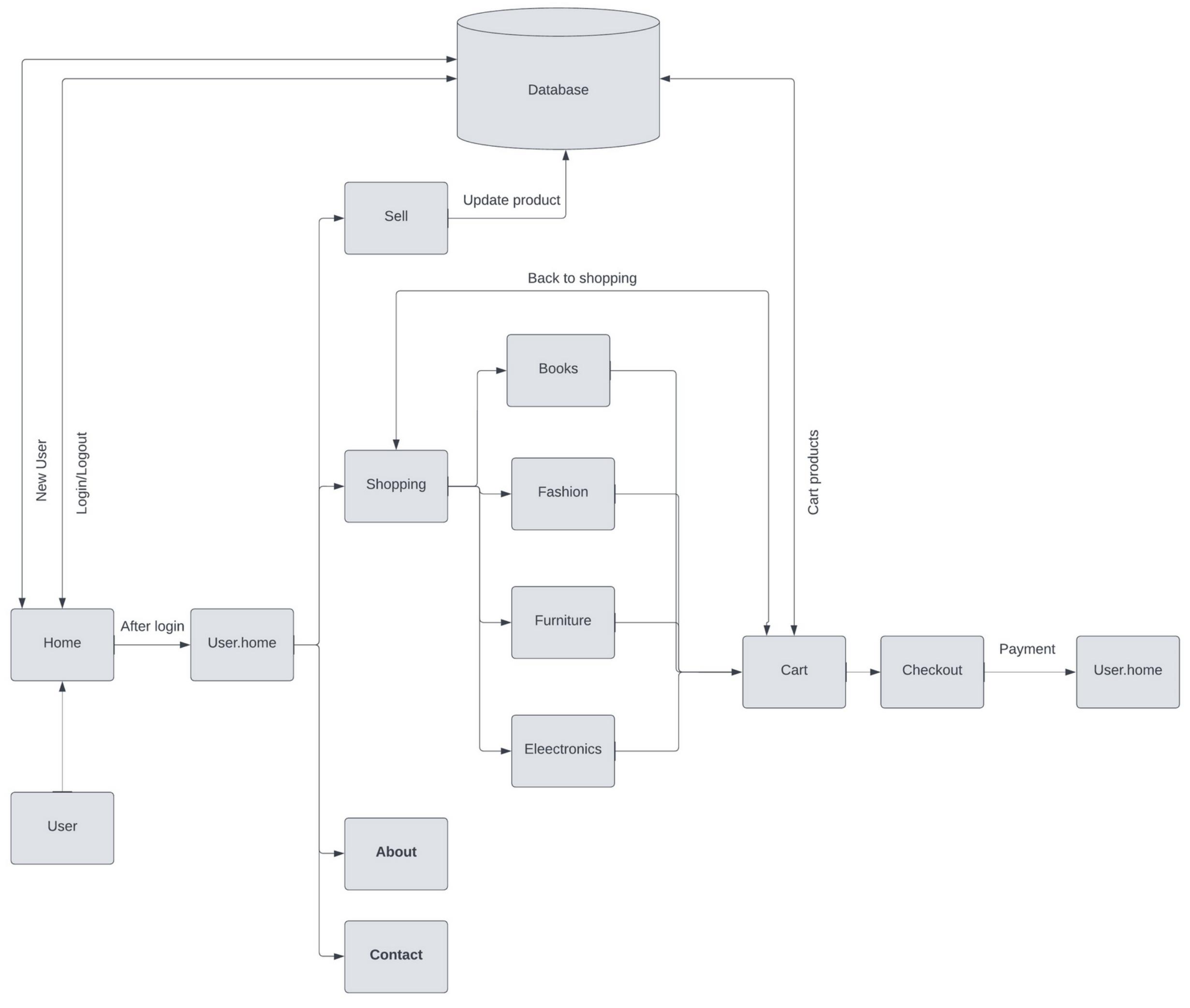
ENHANCE
AFFORDABILITY



ENCOURAGE
COMMUNITY
BUILDING

Architecture Diagram





MODULE

MODULES

USER MODULE

USER REGISTRATION/LOGIN



USER REGISTRATION/LOGIN MODULE

A. NEW USER

Registration with basic details

Login with College-id and password

B. EXISTING USER

Login with College-id and password

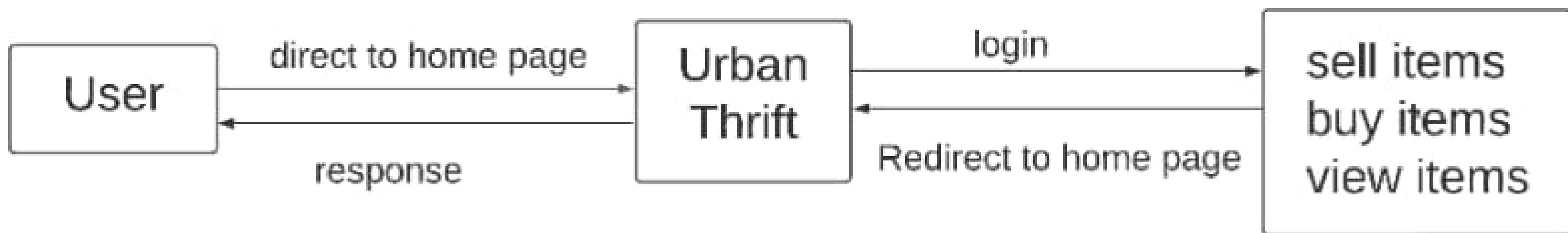
USER MODULE

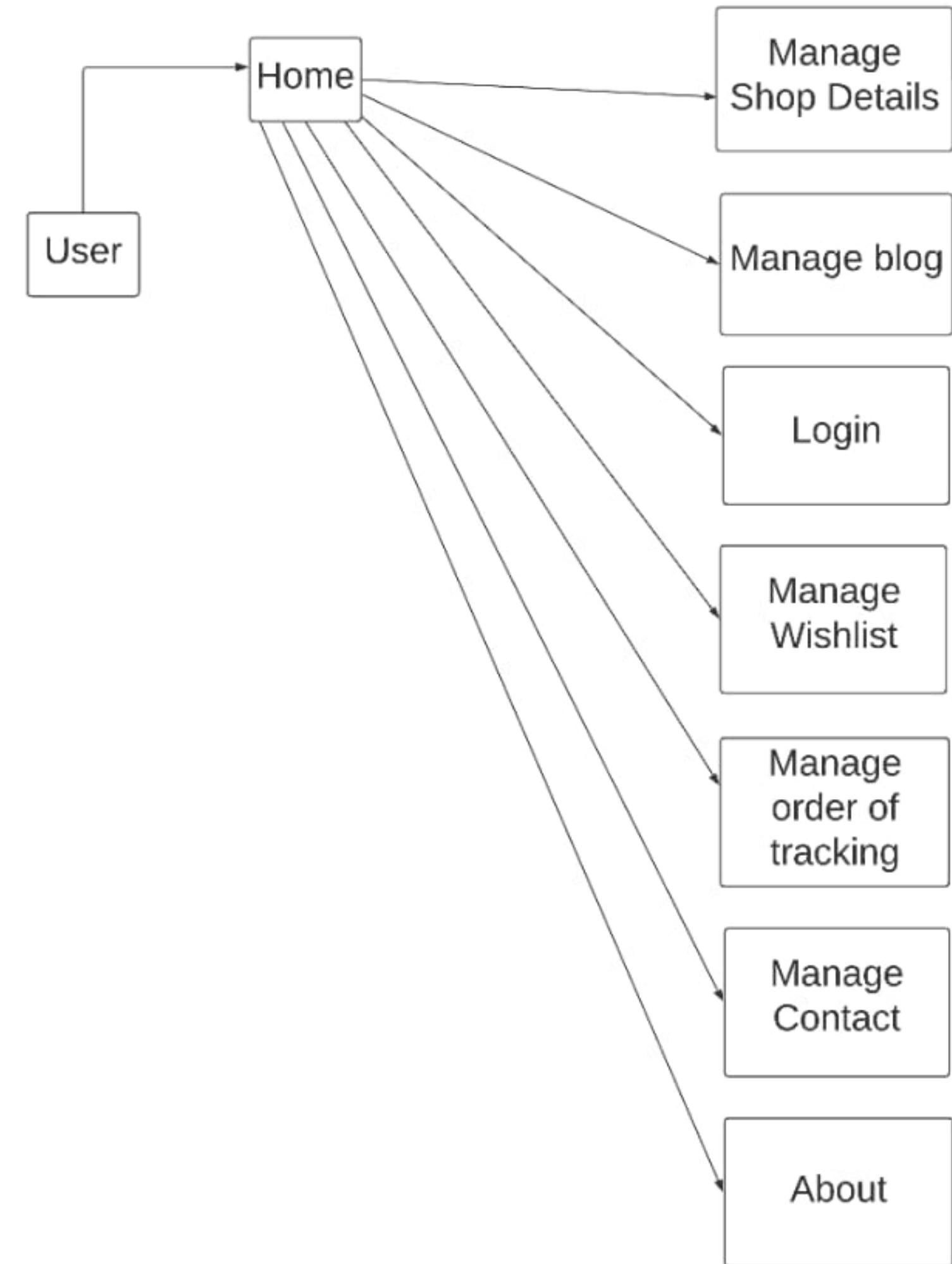
- Login with username and password.
- Manage shopping
- Manage cart
- Add/Delete Items
- View Blog
- Know more about Us
- Contact Us

Data Flow Diagrams

User Module

Level 0



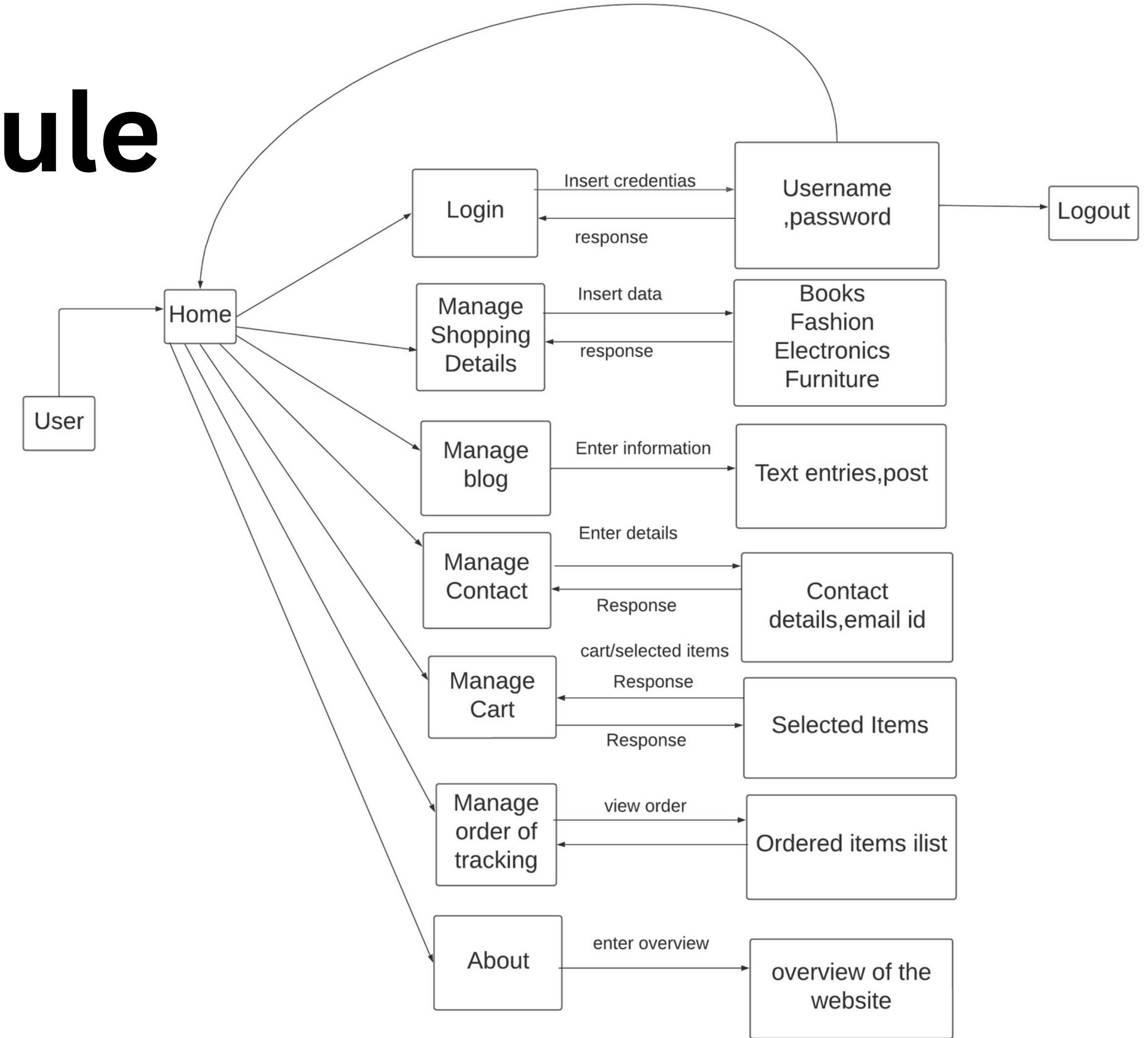


User Module

Level 1

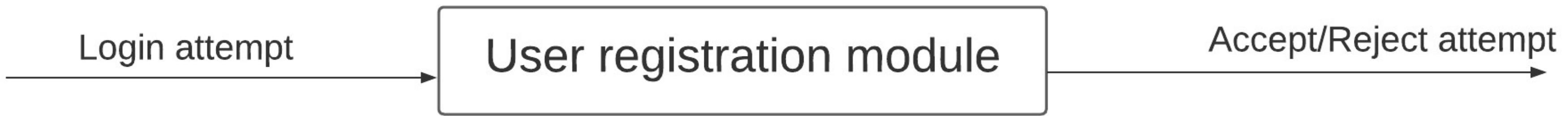
User Module

Level 2



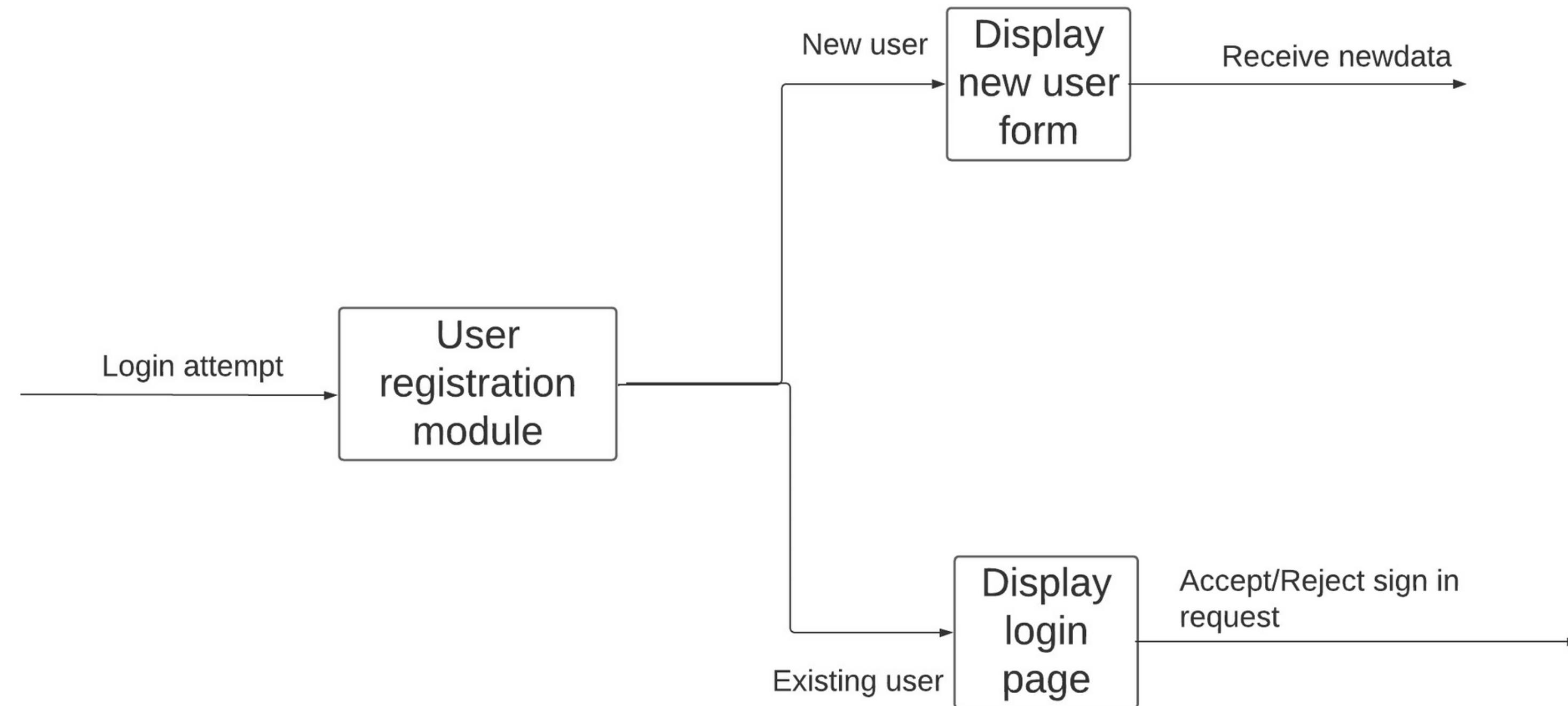
User Registration Module

Level 0



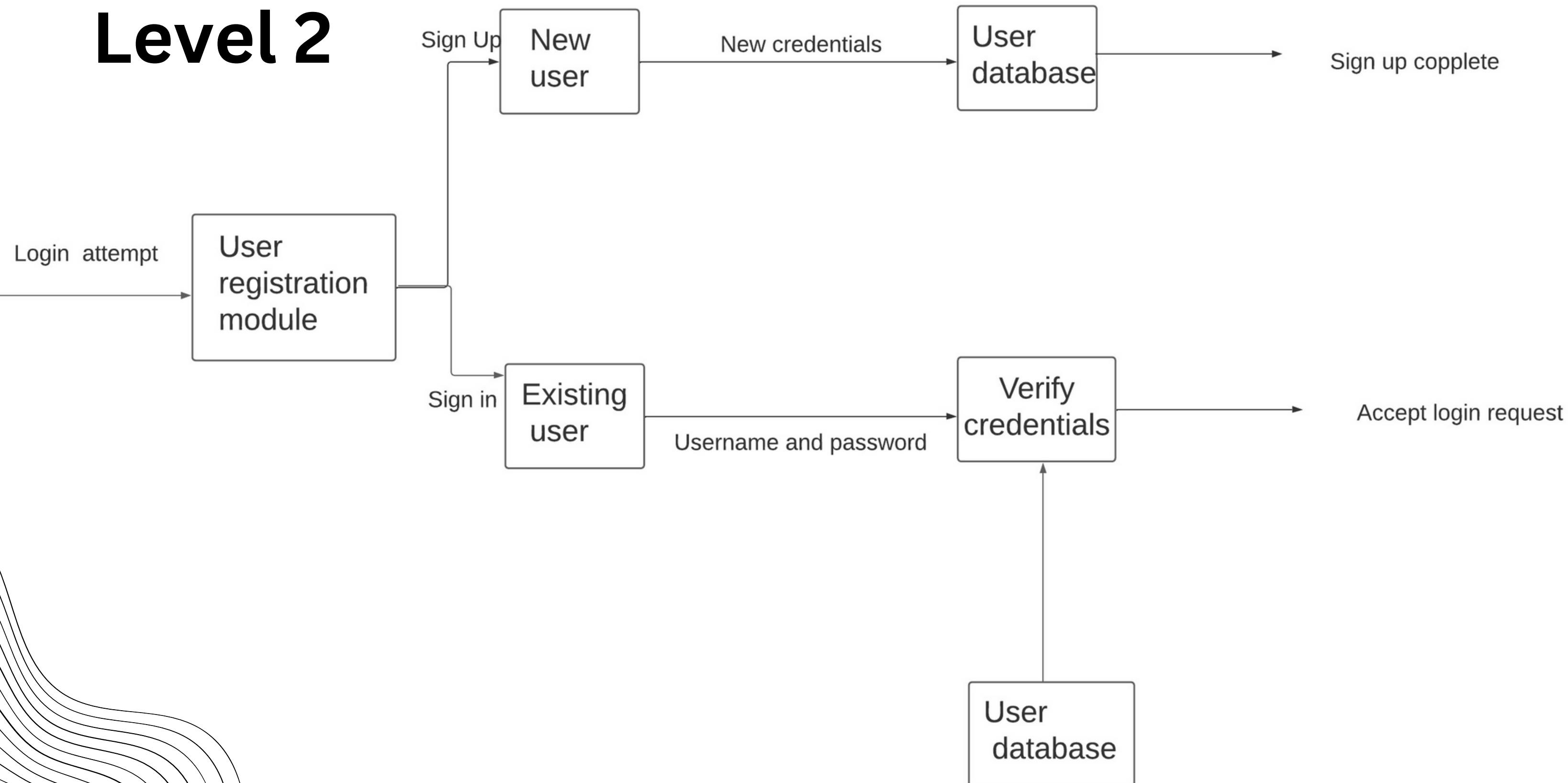
User Registration Module

Level 1

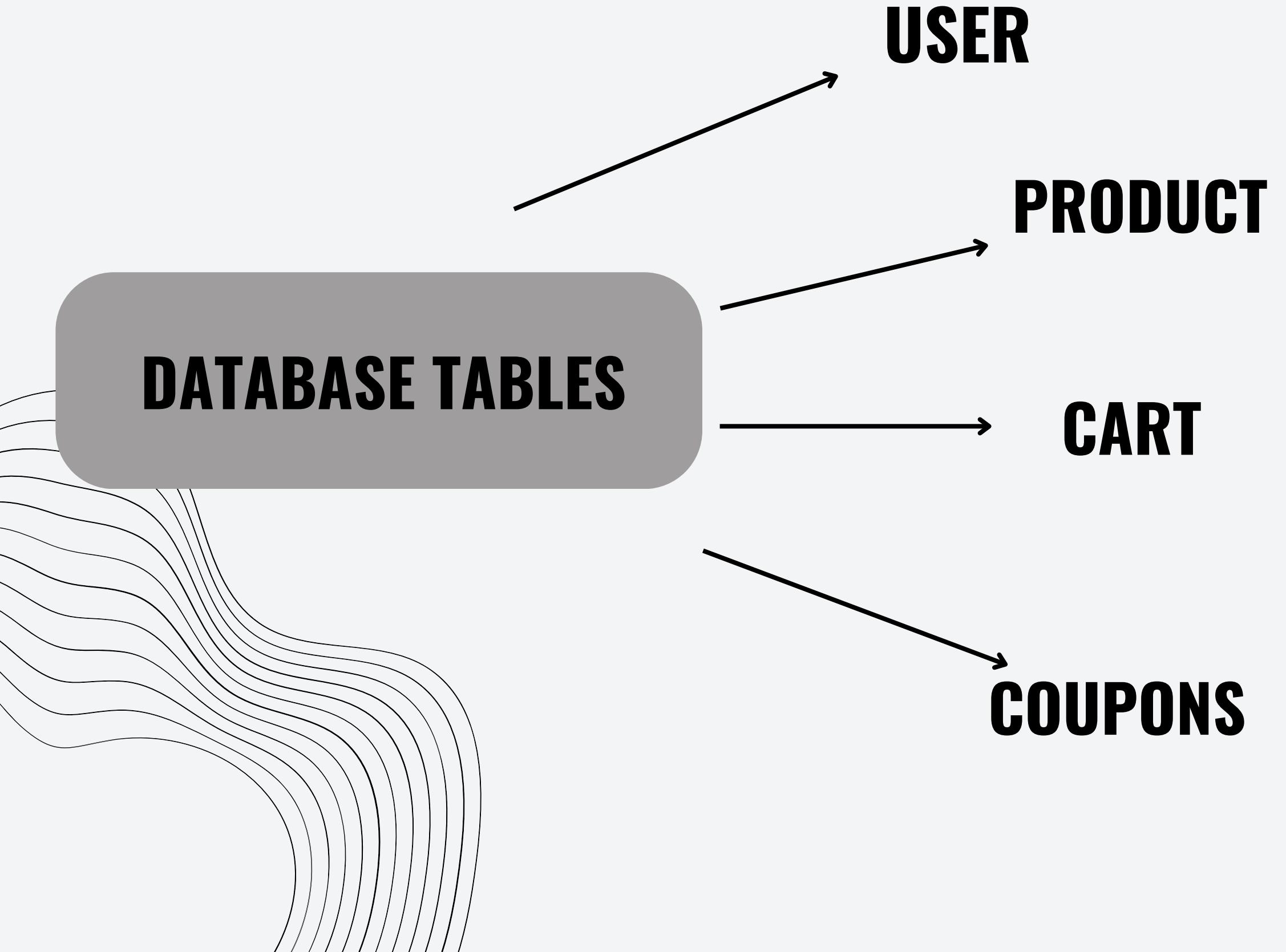


User Registration Module

Level 2



Database table design



USER

Field Name	Data Type	Constraints
Key	int	PK
Name	varchar	NN
Phone Number	varchar	NN
Password	varchar	NN
Email	varchar	NN

PRODUCT

Field Name	Data Type	Constraints
Key	int	PK
Name	varchar	NN
Description	varchar	NN
Photo	Image	NN
Category	varchar	NN
Amount	float	NN

CART

Field Name	Data Type	Constraints
Key	int	PK
Product Name	varchar	NN
Amount	float	NN
Quantity	int	NN
Total Amount	float	NN

COUPONS

Field Name	Data Type	Constraints
Key	int	PK
Code	varchar	NN
Amount	float	NN
Status	varchar	NN

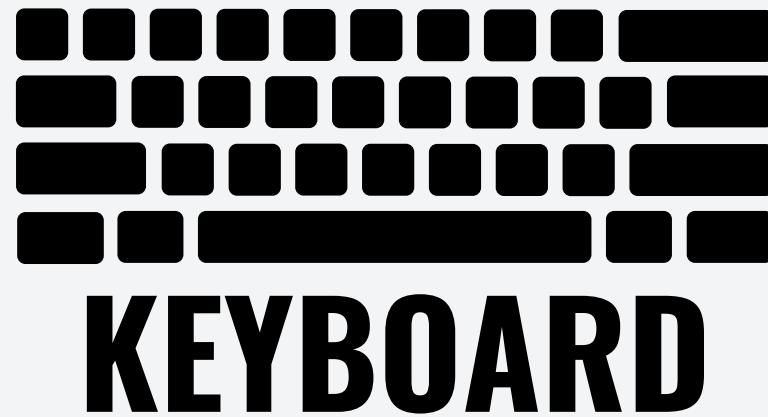
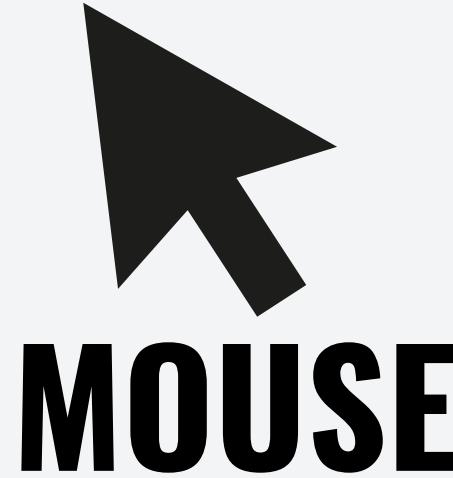
System Requirements

HARDWARE REQUIREMENTS

PROCESSOR

i5 Processor

RAM



SOFTWARE REQUIREMENTS

TOOL: Visual Studio Code

FRAMEWORKS USED : Flask

LANGUAGE: Python 3

OPERATING SYSTEM: Windows 7 or Later

- **HTML Markup** : Building the basic layout, including header, navigation, main content area, sidebar, and footer. Using appropriate HTML tags to provide meaning and accessibility to the content.
- **CSS Styling**: Applying CSS styles to enhance the visual appearance of the website. Using CSS selectors to target specific HTML elements and apply custom styles.

- **JavaScript** : Enhances the website's interactivity using JavaScript. Implement dynamic features such as form validation, image sliders, dropdown menus, and modal pop-ups.
- **SQLite 3** is used for the backend development.
- **Flask** framework is used.

Implementation Details

ABOUT US

About | The Urban Thrift

About | The Urban Thrift

127.0.0.1:5500/html/about.html#

My account Cart Wishlist

Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com

The Urban Thrift



Free Shipping
Free Shipping for orders over £130

Money Guarantee
Within 30 days for an exchange.

Online Support
24 hours a day, 7 days a week

Flexible Payment
Pay with Multiple Credit Cards

Welcome to

ABOUT US

```
<!-- =====[SECTION ABOUT]===== -->
<section class="section-about-main">
  <div class="container">
    <div class="row mb-5">
      <div class="col-12">
        |   
      </div>
    </div>
    <div class="row">
      <div class="col-3">
        |   <div class="text-center">
        |     <h5 class="fw-semibold">Free Shipping</h5>
        |     <div class="text-muted">Free Shipping for orders over £130</div>
        |   </div>
      </div>
      <div class="col-3">
        |   <div class="text-center">
        |     <h5 class="fw-semibold">Money Guarantee</h5>
        |     <div class="text-muted">Within 30 days for an exchange.</div>
        |   </div>
      </div>
      <div class="col-3">
        |   <div class="text-center">
        |     <h5 class="fw-semibold">Online Support</h5>
        |     <div class="text-muted">24 hours a day, 7 days a week</div>
        |   </div>
      </div>
      <div class="col-3">
        |   <div class="text-center">
        |     <h5 class="fw-semibold">Flexible Payment</h5>
        |     <div class="text-muted">Pay with Multiple Credit Cards</div>
        |   </div>
      </div>
    </div>
    <div class="row my-5">
      <div class="col-12">
        |   <hr>
      </div>
    </div>
    <div class="row">
      <div class="col-lg-7 mx-auto">
        |   <div class="panel-content text-center">
        |     <h1 class="text-center fw-light mb-4">Welcome to<br> The Urban Thrift</h1>
        |     <p class="lead">Lorem ipsum dolor sit amet consectetur adipiscing elit. Etiam a pretium nibh. Curabitur auctor tellus turpis et laoreet ex sodales eu. Mauris ut nibh at tortor aliquam port&lt;/p>
        |     <p>Nulla sit amet nunc sed nibh pellentesque sollicitudin. Fusce sit amet varius velit. Praesent semper felis a pretium facilisis orci justo aliquet orci non mollis libero enim vitae leo.&lt;/p>
        |   </div>
      </div>
    </div>
  </div>
</section>
```

HOME

Urban Thrift Store 127.0.0.1:5000

My account Cart Wishlist Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com

The Urban Thrift HOME ABOUT SHOP BLOG CONTACT LOGOUT

Meet Your Next Favorite Book.

FOR AUTHOR & WRITE

Categories

HOME



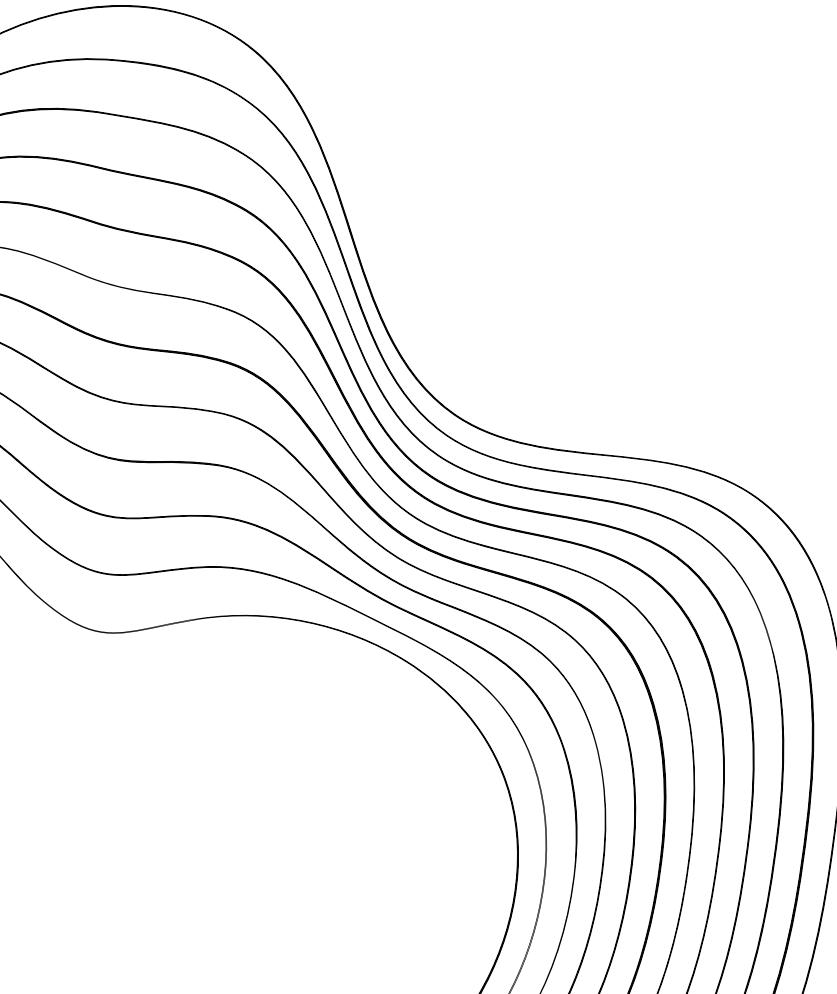
```
1 <section class="section-products-min">
2     <div class="container">
3         <div class="row">
4             <div class="col-12">
5                 <h2 class="section-title mb-3 text-center">Best Sellers</h2>
6             </div>
7             <div class="col-lg-6 mx-auto">
8                 <p class="lead text-center text-muted mb-4 pb-3">Lorem ipsum dolor sit amet consectetur adipiscing. Vestibulum tempor viverra nisl nec elementum. Donec quis cursus ligula non placerat felis.</p>
9             </div>
10            </div>
11            <div class="row">
12                {% for pdt in products %}
13                    <div class="col-xl-4 col-lg-6">
14                        <div class="card product-card">
15                            <!-- <a href="#" class="card-media" -->
16                            <img src= "{{pdt.image}}" alt="media">
17                            <div class="card-body">
18                                <div class="card-sub-title">{{ pdt.type }}</div>
19                                <h5 class="card-title">{{ pdt.name }}</h5>
20                                <div class="card-price">
21                                    <span class="card-price-new">₹ {{ pdt.price }}</span>
22                                </div>
23                                <form action="/add_to_cart" method="post">
24                                    <input type="hidden" name="quantity" value="1">
25                                    <input type="hidden" name="prod_id" value="{{ pdt.id }}">
26                                    <button class="btn btn-danger">Add to cart</button>
27                                </form>
28                            </div>
29                {% endfor %}
30            </div>
31        </div>
32    </div>
33 </div>
```

REGISTER

The screenshot shows a web browser window with the following details:

- Title Bar:** Urban Thrift Store - 127.0.0.1:5000/register
- Header:** My account, Cart, Wishlist, Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com
- Navigation:** The Urban Thrift (Logo), HOME, ABOUT, SHOP ▾, BLOG, CONTACT, LOGIN, REGISTER
- Content:** A registration form titled "Register". It includes fields for Full name, Email address, Phone number, and Password. There is also a checkbox for accepting terms and conditions and a red "Register" button.
- Footer:** The Urban Thrifts, Home, About, Books, Fashion, Electronics, Furniture, Blog, Contact

REGISTER



```
1 <div class="tab-content" id="pills-tabContent">
2     <!--register -->
3     {% with messages = get_flashed_messages() %}
4     {% if messages %}
5         <div class="notification is-danger">
6             {{ messages[0] }}. Go to <a href="{{ url_for('auth.login') }}>login
7                 page</a>.
8         </div>
9     {% endif %}
10    {% endwith %}
11
12    <form action="/register" method="post">
13        <div class="pt-5" id="pills-register" role="tabpanel"
14            aria-labelledby="pills-register-tab" tabindex="0">
15            <div class="mb-3">
16                <label class="form-label small fw-medium">Full name</label>
17                <input type="text" class="form-control" name="username">
18            </div>
19            <div class="row">
20                <div class="col">
21                    <div class="mb-3">
22                        <label class="form-label small fw-medium">Email address</label>
23                        <input type="email" class="form-control" name="email">
24                    </div>
25                </div>
26                <div class="col">
27                    <div class="mb-3">
28                        <label class="form-label small fw-medium">Phone number</label>
29                        <input type="text" class="form-control" name="phone">
30                    </div>
31                </div>
32            </div>
33            <div class="mb-3">
34                <label class="form-label small fw-medium">Password</label>
35                <input type="password" class="form-control" name="password">
36            </div>
37            <div class="mb-3 pt-1">
38                <div class="form-check">
39                    <input class="form-check-input" type="checkbox" value
40                        id="register-option">
41                    <label class="form-check-label small" for="register-option">Yes, I
42                        have read and agree to the Company <a href="#">Terms of Service</a>
43                        and <a href="#">Privacy Policy</a>.</label>
44                </div>
45            </div>
46            <div class="mb-3 pt-2">
47                <button type="submit"
48                    class="btn btn-danger fw-medium py-2 rounded-1 w-100">Register</button>
49            </div>
50        </div>
```

LOGIN

The screenshot shows a web browser window with the following details:

- Title Bar:** Login | The Urban Thrift
- Address Bar:** 127.0.0.1:5500/html/login.html
- Header:** My account, Order Tracking, Wishlist, Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com
- Navigation:** HOME, ABOUT, SHOP ▾, BLOG, CONTACT, LOGIN / REGISTER
- Content:** A central modal dialog box titled "Login" contains fields for Email address (david_john@mymail.com) and Password, a "Remember me" checkbox (checked), and a red "Login" button.
- Bottom Bar:** Weather (29°C, Partly sunny), Search bar, and various system icons (File Explorer, Google Chrome, Mail, etc.).
- Right Sidebar:** A vertical sidebar with icons for search, file, user, and other system functions.

LOGIN

```
ss="section-login">
ss="container"
< class="row">
<div class="col-xl-5 mx-auto">
  <div class="card card-login brand-shadow border-0">
    <div class="card-body py-5 px-5">
      <ul class="nav nav-underline justify-content-center" id="pills-tab" role="tablist">
        <li class="nav-item me-4" role="presentation">
          <button class="nav-link active" id="pills-login-tab" data-bs-toggle="pill" data-bs-target="#pills-login" type="button" role="tab" aria-controls="pills-login" aria-selected="true">Login</button>
        </li>
        <li class="nav-item" role="presentation">
          <button class="nav-link" id="pills-register-tab" data-bs-toggle="pill" data-bs-target="#pills-register" type="button" role="tab" aria-controls="pills-register" aria-selected="false">Register</button>
        </li>
      </ul>
      <div class="tab-content" id="pills-tabContent">
        <div class="tab-pane fade show active" id="pills-login" role="tabpanel" aria-labelledby="pills-login-tab" tabindex="0">
          <div class="pt-5">
            <div class="mb-3">
              <label class="form-label small fw-medium">Email address</label>
              <input type="email" class="form-control">
            </div>
            <div class="mb-3">
              <label class="form-label small fw-medium">Password</label>
              <input type="password" class="form-control">
            </div>
            <div class="mb-3 pt-1">
              <div class="form-check">
                <input class="form-check-input" type="checkbox" value="" id="flexCheckDefault">
                <label class="form-check-label small fw-medium" for="flexCheckDefault">Remember me</label>
              </div>
            </div>
            <div class="mb-3 pt-2">
              ●
              <button type="submit" class="btn btn-danger fw-medium py-2 rounded-1 w-100">Login</button>
            </div>
          </div>
        </div>
        <div class="tab-pane fade" id="pills-register" role="tabpanel" aria-labelledby="pills-register-tab" tabindex="0">
          <div class="pt-5">
            <div class="mb-3">
              <label class="form-label small fw-medium">Full name</label>
              <input type="text" class="form-control">
            </div>
            <div class="row">
              <div class="col">
                <div class="mb-3">
                  <label class="form-label small fw-medium">Email address</label>
                  <input type="email" class="form-control">
                </div>
              </div>
              <div class="col">
                <div class="mb-3">
                  <label class="form-label small fw-medium">Phone number</label>
                  <input type="text" class="form-control">
                </div>
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label small fw-medium">Password</label>
              <input type="password" class="form-control">
            </div>
            <div class="mb-3 pt-1">
              <div class="form-check">
                <input class="form-check-input" type="checkbox" value="" id="register-option">
                <label class="form-check-label small" for="register-option">Yes, I have read and agree to the Company <a href="#">Terms of Service</a> and <a href="#">Privacy Policy</a>.</label>
              </div>
            </div>
            <div class="mb-3 pt-2">
              ●
              <button type="submit" class="btn btn-danger fw-medium py-2 rounded-1 w-100">Register</button>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

CONTACT

The screenshot shows a web browser window with the title "Urban Thrift Store". The address bar displays "127.0.0.1:5000/contact". The page header includes "My account", "Cart", "Wishlist", and a help message "Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com". The main navigation menu features "The Urban Thrift" logo, "HOME", "ABOUT", "SHOP", "BLOG", "CONTACT", and "LOGOUT".

Get In Touch

PHONE NUMBER
+91 9876 543 210

EMAIL ADDRESS
info@urban-thrifts.com

ADDRESS
123 Atlantic,
Brooklyn, New York,
USA - 100001

Full name

Email address Phone number

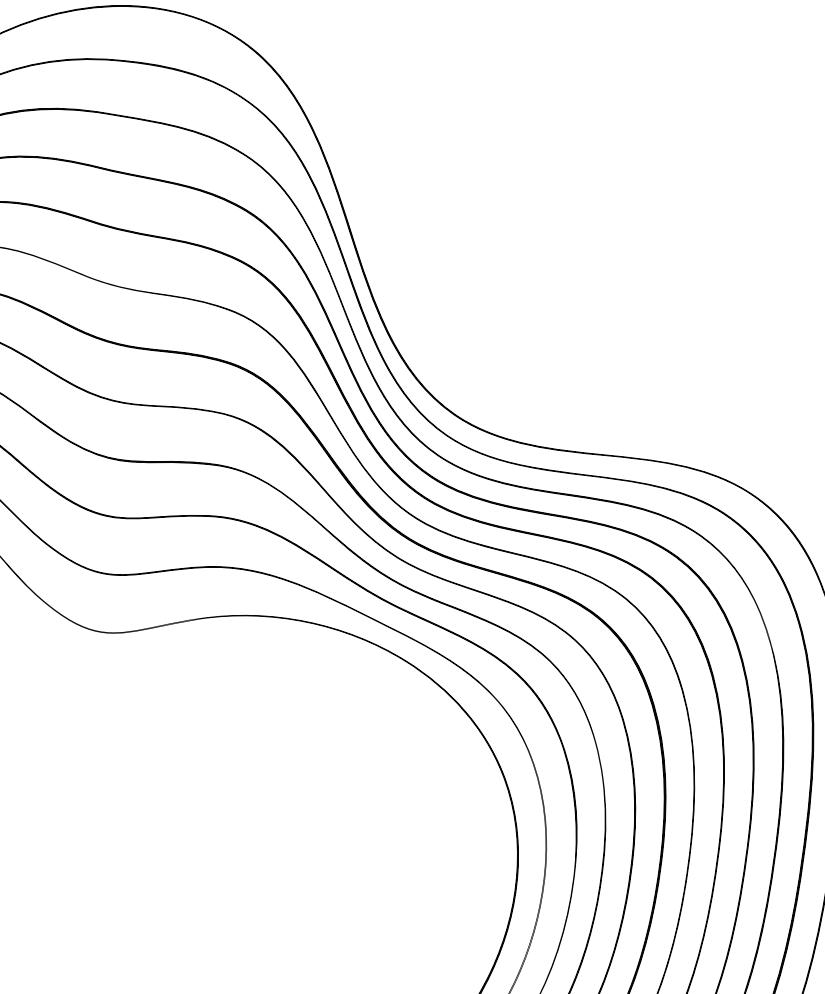
Subject

Message

Send Message

The Urban Thrifts

CONTACT



```
1 <div class="contact-box mb-5">
2             <div class="fw-bold text-uppercase small mb-2">Phone number</div>
3             <h4> <a href="#">+91 9876 543 210</a></h4>
4         </div>
5         <div class="contact-box mb-5">
6             <div class="fw-bold text-uppercase small mb-2">Email address</div>
7             <h4><a href="#">info@urban-thrifts.com</a></h4>
8         </div>
9         <div class="contact-box">
10            <div class="fw-bold text-uppercase small mb-2">Address</div>
11            <h4>123 Atlantic,<br> Brooklyn, New York,<br> USA - 100001</h4>
12        </div>
13    </div>
14    <div class="col-lg-6">
15        <div class="card card-contact brand-shadow border-0">
16            <div class="card-header bg-white border-0 px-5 pt-5">
17                <h2 class="card-title fw-semibold mb-1">Get In Touch</h2>
18            </div>
19            <div class="card-body px-5 pb-5">
20                <div class="mb-3">
21                    <label class="form-label small fw-medium">Full name</label>
22                    <input type="text" class="form-control">
23                </div>
24                <div class="row">
25                    <div class="col">
26                        <div class="mb-3">
27                            <label class="form-label small fw-medium">Email address</label>
28                            <input type="email" class="form-control">
29                        </div>
30                    </div>
31                    <div class="col">
32                        <div class="mb-3">
33                            <label class="form-label small fw-medium">Phone number</label>
34                            <input type="text" class="form-control">
35                        </div>
36                    </div>

```

CART

Cart | The Urban Thrift

127.0.0.1:5500/html/cart.html

My account Cart Wishlist Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com

The Urban Thrift HOME ABOUT SHOP BLOG CONTACT LOGIN / REGISTER

HOME / CART

Cart

TITLE	PRICE	QUANTITY	SUBTOTAL
x Microsoft Surface Laptop	₹ 1,53,000.00	1	₹ 1,53,000.00
x Food & Health Journal	₹ 360.00	2	₹ 720.00
x Vintage Chair	₹ 4,675.00	4	₹ 18,700.00

[Continue shopping](#)

Coupon Code [APPLY COUPON](#)

29°C Partly sunny

Search

09:29 16-06-2023

CART

```
section class="section-cart py-5 mb-4">
  <div class="container">
    <div class="row">
      <div class="col-12">
        <div class="mb-5">
          <div class="breadcrumb mb-2">
            <ol>
              <li class="breadcrumb-item"><a href="index.html">Home</a></li>
              <li class="breadcrumb-item active" aria-current="page">Cart</li>
            </ol>
          <h1 class="h2 title-xl">Cart</h1>
        </div>
      </div>
    </div>
    <div class="row">
      <div class="col-12">
        <div class="card border-0 brand-shadow rounded-1 mb-4">
          <div class="card-body pt-5 px-5 pb-4">
            <div class="row align-items-center mb-3 pb-3 border-bottom">
              <div class="col-1"></div>
              <div class="col-5">
                <div class="fw-medium fw-bold text-uppercase text-muted">Title</div>
              </div>
              <div class="col-2">
                <div class="fw-medium text-end pe-4 fw-bold text-uppercase text-muted">Price</div>
              </div>
              <div class="col-2">
                <div class="text-center fw-bold text-uppercase text-muted">Quantity</div>
              </div>
              <div class="col-2">
                <div class="text-end fw-bold text-uppercase text-muted">Subtotal</div>
              </div>
            </div>
            <div class="row align-items-center mb-3 pb-3 border-bottom">
              <div class="col-1">
                <button class="btn p-1 lh-1">
                  <img alt="Remove icon" data-bbox="188 188 218 218" style="vertical-align: middle;"/>
                  <span>Remove</span>
                </button>
              </div>
              <div class="col-5">
                <div class="fw-medium text-truncate">Microsoft Surface Laptop</div>
              </div>
              <div class="col-2">
                <div class="fw-medium text-end pe-4">₹ 1,53,000.00</div>
              </div>
              <div class="col-2">
                <div class="text-center"><input type="number" class="form-control" value="1"></div>
              </div>
              <div class="col-2">
                <div class="text-end fw-bold text-danger">₹ 1,53,000.00</div>
              </div>
            </div>
            <div class="row align-items-center mb-3 pb-3 border-bottom">
              <div class="col-1">
                <button class="btn p-1 lh-1">
                  <img alt="Remove icon" data-bbox="188 388 218 418" style="vertical-align: middle;"/>
                  <span>Remove</span>
                </button>
              </div>
              <div class="col-5">
                <div class="fw-medium text-truncate">Food & Health Journal</div>
              </div>
              <div class="col-2">
                <div class="fw-medium text-end pe-4">₹ 360.00</div>
              </div>
              <div class="col-2">
                <div class="text-center"><input type="number" class="form-control" value="2"></div>
              </div>
              <div class="col-2">
                <div class="text-end fw-bold text-danger">₹ 720.00</div>
              </div>
            </div>
            <div class="row align-items-center mb-3">
              <div class="col-1">
                <button class="btn p-1 lh-1">
                  <img alt="Remove icon" data-bbox="188 588 218 618" style="vertical-align: middle;"/>
                  <span>Remove</span>
                </button>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```

CART (CONT.)

```
</div>
<div class="col-5">
    <div class="fw-medium text-truncate">Vintage Chair</div>
</div>
<div class="col-2">
    <div class="fw-medium text-end pe-4">₹ 4,675.00</div>
</div>
<div class="col-2">
    <div class="text-center"><input type="number" class="form-control" value="4"></div>
</div>
<div class="col-2">
    <div class="text-end fw-bold text-danger">₹ 18,700.00</div>
</div>
</div>
</div>
<div class="card border-0 brand-shadow rounded-1 mb-4">
    <div class="card-body px-5 py-4 my-3">
        <div class="row align-items-center">
            <div class="col-lg-3 ">
                <button class="btn btn-outline-danger rounded-1 fw-medium py-2 w-100 d-block">Continue shopping</button>
            </div>
            <div class="col-lg-5 ms-auto">
                <div class="row row-discount-panel gx-2">
                    <div class="col-7"><input type="text" class="form-control" placeholder="Coupon Code" style="height: 42px"></div>
                    <div class="col-5"><button class="btn btn-danger rounded-1 text-uppercase fw-medium py-2 w-100 d-block">Apply coupon</button></div>
                </div>
            </div>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-lg-5 ms-auto">
        <div class="card border-0 brand-shadow rounded-1">
            <div class="card-body px-5 py-4 my-3">
                <h4 class="card-title fw-semibold mb-4">Cart totals</h4>
                <div class="d-flex align-items-center justify-content-between">
                    <div class="text-start">Subtotal:</div>
                    <div class="text-end">1,72,420.00</div>
                </div>
                <hr>
                <div class="d-flex align-items-center justify-content-between">
                    <div class="text-start">Tax (GST 18%)</div>
                    <div class="text-end">31,035.60</div>
                </div>
                <hr>
                <div class="d-flex align-items-center justify-content-between">
                    <div class="text-start fw-bold text-danger h5">Total</div>
                    <div class="text-end fw-bold text-danger h5">2,03,455.60</div>
                </div>
                <div class="pt-5">
                    <button class="btn btn-danger rounded-1 text-uppercase fw-medium py-2 w-100 d-block">Proceed to checkout</button>
                </div>
            </div>
        </div>
    </div>
</div>
<div>
```

SUCCESS PAGE

The screenshot shows a web browser window for 'Urban Thrift Store' at the URL 127.0.0.1:5000/complete. The page has a red header bar with links for 'My account', 'Cart', and 'Wishlist'. On the right, there's a contact message: 'Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com'. Below the header, the main navigation menu includes 'HOME' (in red), 'ABOUT', 'SHOP ▾', 'BLOG', and 'CONTACT'. A 'LOGOUT' link is also present. The main content area features a large green circular icon with a checkmark. To its right, the word 'Success' is displayed in bold black text. Below 'Success', a message reads: 'We received your purchase request; we'll be in touch shortly!'. A red button labeled 'Go to shopping' is located at the bottom of this section. At the very bottom of the page, there's a footer with the text 'The Urban Thrifts' and links for Home, About, Books, Fashion, Electronics, Furniture, Blog, and Contact. It also includes a 'Need Help?' phone number: (+91) 9876 543 210. The footer is flanked by decorative wavy line patterns on both sides.

Urban Thrift Store

127.0.0.1:5000/complete

My account Cart Wishlist

Need help? Call us: (+91) 9876 5432 10 or info@urban-thrifts.com

HOME ABOUT SHOP ▾ BLOG CONTACT

LOGOUT

Success

We received your purchase request;
we'll be in touch shortly!

Go to shopping

The Urban Thrifts

Home About Books Fashion Electronics Furniture Blog Contact

Need Help?
(+91) 9876 543 210

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MasterCard PayPal American Express Bitcoin VISA

BACKEND

DATABASE

TABLES



```
1  from flask_sqlalchemy import SQLAlchemy
2  from flask_login import UserMixin
3  from urban import db, login_manager
4
5  @login_manager.user_loader
6  def load_user(user_id):
7      return Users.query.get(int(user_id))
8
9  class Products(db.Model):
10     id=db.Column(db.Integer(), primary_key=True)
11     image= db.Column(db.String(length=30), nullable=False)
12     name= db.Column(db.String(length=30), nullable=False)
13     price= db.Column(db.Integer(), nullable=False)
14     type= db.Column(db.String(length=30), nullable=False)
15
16 class Users(UserMixin, db.Model):
17     id=db.Column(db.Integer(), primary_key=True)
18     username= db.Column(db.String(length=30), nullable=False)
19     phone= db.Column(db.String(length=30), nullable=False)
20     email= db.Column(db.String(length=30), nullable=False)
21     password = db.Column(db.String(100))
22
23 class CartItems(db.Model):
24     id=db.Column(db.Integer(), primary_key=True)
25     product_id = db.Column(db.Integer, db.ForeignKey('products.id'))
26     product = db.relationship("Products", backref='product')
27     quantity = db.Column(db.Integer())
28     user_id = db.Column(db.Integer, db.ForeignKey('users.id'))
29
30 class Coupons(db.Model):
31     id=db.Column(db.Integer(), primary_key=True)
32     code = db.Column(db.String(length=10))
33     amount = db.Column(db.Integer())
34     status = db.Column(db.String, default='active')
35
```

USER AUTHENTICATION



```
● ● ●

1  from flask import Blueprint
2  from flask import render_template, redirect, url_for, request, flash
3  from werkzeug.security import generate_password_hash, check_password_hash
4  from .models import Users
5  from flask_login import login_user, login_required, logout_user
6  from . import db
7
8  auth = Blueprint('auth', __name__)
9
10 @auth.route('/login')
11 def login():
12     return render_template('login.html')
13
14 @auth.route('/login', methods=['POST'])
15 def login_post():
16     email = request.form.get('email')
17     password = request.form.get('password')
18     remember = True if request.form.get('remember') else False
19
20     user = Users.query.filter_by(email=email).first()
21
22     if not user or not check_password_hash(user.password, password):
23         flash('Please check your login details and try again.')
24         return redirect(url_for('auth.login'))
25
26     login_user(user, remember=remember)
27     return redirect(url_for('main.index'))
28
29 @auth.route('/register')
30 def register():
31     return render_template('register.html')
32
33 @auth.route('/register', methods=['POST'])
34 def register_post():
35     username = request.form.get('username')
36     email = request.form.get('email')
37     phone = request.form.get('phone')
38     password = request.form.get('password')
39
40     user = Users.query.filter_by(email=email).first()
41
42     if user:
43         flash('Email address already exists')
44         return redirect(url_for('auth.register'))
45
46     new_user = Users(email=email, username=username, password=generate_password_hash(password, method='sha256'), phone=phone)
47
48     # add the new user to the database
49     db.session.add(new_user)
50     db.session.commit()
51     return redirect(url_for('auth.login'))
52
53 @auth.route('/logout')
54 @login_required
55 def logout():
56     logout_user()
57     return redirect(url_for('auth.login'))
```

MAIN

```
1  from flask import Blueprint
2  from .models import Products, CartItems, Coupons
3  from flask import render_template,url_for, request, redirect
4  from . import db
5  from flask_login import login_required, current_user
6
7  main = Blueprint('main', __name__)
8
9  @main.route('/')
10 @main.route('/home')
11 def index():
12
13     products = Products.query.all()
14     return render_template('index.html', products=products)
15
16
17 @main.route('/category/<slug>')
18 def books(slug):
19     print(slug)
20     products = Products.query.filter_by(type=slug).all()
21     print(products)
22     return render_template('books.html', products=products)
23
24
25 @main.route('/contact')
26 def contact():
27     return render_template('contact.html')
28
29 @main.route('/profile')
30 def profile():
31     return render_template('profile.html')
32
33 @main.route('/checkout')
34 def checkout():
35     return render_template('checkout.html')
36
37 @main.route('/compelete')
38 def compelete():
39     return render_template('compelete.html')
40
41 @main.route('/about')
42 def about():
43     return render_template('about.html')
44
45 @main.route('/cart', methods=['POST','GET'])
46 @login_required
47 def cart():
48     user_id = current_user.id
49     cart_items = CartItems.query.filter_by(user_id=user_id).all()
50     subtotal = 0
51     for i in cart_items:
52         subtotal += i.product.price * i.quantity
53     tax = 0.18 * subtotal
54     if(request.method == 'POST'):
55         code = request.form.get('coupon_code')
56         coupon = Coupons.query.filter_by(code=code, status='active').first()
57         if coupon:
58             print('coupon code: ', code, ' Amount: ',coupon.amount)
59             subtotal -= coupon.amount
60             tax = 0.18 * subtotal
61             print('subtotal: ', subtotal, ' tax: ',tax)
62             if(subtotal<0):
63                 subtotal = 0
64                 tax = 0
65             return {'subtotal':subtotal,'tax':tax}
66     return render_template('cart.html', cart_items=cart_items, subtotal=subtotal, tax=tax)
67
```

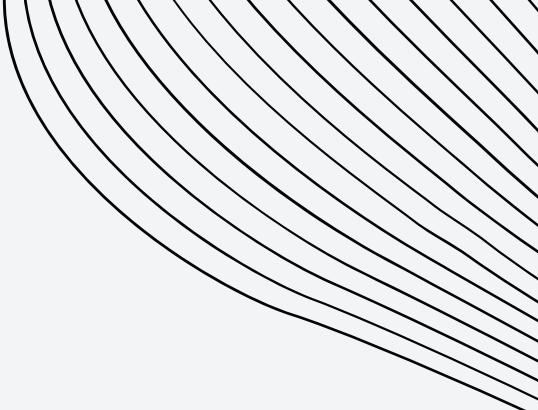
MAIN (cont)

```
68 @main.route('/add_to_cart', methods=['POST'])
69 @login_required
70 def add_to_cart():
71     prod_id = request.form.get('prod_id')
72     quantity = request.form.get('quantity')
73
74     existing_product = CartItems.query.filter_by(product_id=prod_id, user_id=current_user.id).first()
75     if existing_product:
76         existing_product.quantity += int(quantity)
77         db.session.commit()
78     else:
79         cart_item = CartItems(product_id=prod_id, quantity=quantity, user_id=current_user.id)
80         db.session.add(cart_item)
81         db.session.commit()
82
83     return redirect(url_for('main.cart'))
84
85
86 @main.route('/cart_action', methods=['POST'])
87 @login_required
88 def cart_action():
89     if(request.form.get('delete_item')):
90         delete_item_id = request.form.get('prod_id')
91         print(' prod id: ', delete_item_id)
92         delete_item = CartItems.query.filter_by(product_id=delete_item_id, user_id=current_user.id).first()
93         db.session.delete(delete_item)
94         db.session.commit()
95     elif(request.form.get('quantity')):
96         quantity = request.form.get('quantity')
97         prod_id = request.form.get('prod_id')
98         print('quantity: ', quantity, ' prod id: ', prod_id)
99         existing_product = CartItems.query.filter_by(product_id=prod_id, user_id=current_user.id).first()
100        print(existing_product)
101        if(int(quantity)==0 and existing_product):
102            print('some')
103            db.session.delete(existing_product)
104            db.session.commit()
105            return 'Updated'
106        if existing_product:
107            existing_product.quantity = int(quantity)
108            db.session.commit()
109    return 'Updated'
110
111 @main.route('/checkout', methods=['POST'])
112 @login_required
113 def checkout_post():
114     CartItems.query.filter_by(user_id=current_user.id).delete()
115     db.session.commit()
116     return redirect(url_for('main.index'))
```

Future Scope

- Expansion to Multiple Campuses
- Enhanced User Experience
- Mobile Application Development
- Chatbot deployment
- Collaborations with Student Organizations to provide incentives and discounts.

Conclusion



This aims to provide college students with a comprehensive tool to help them move into a much more sustainable kind of fashion and promotes the reuse of belongings. Key features of the platform include user-friendly navigation, and a forum for students to share their handmade notes , books etc and also a passive income and a place where they can showcase their skills and develop an environment of entrepreneurship.

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- [5] Ranjit & Gupta,"Consumers' Motivations for Online Shopping: An Exploratory Investigation of Indian Students "(2016).
- [6] Pavlou P.A," Consumer acceptance of electronic commerce: Integrating trust and risk with the technology acceptance model",International Journal of Electronic Commerce(2003)
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Demo

The screenshot shows a web browser window with a red address bar displaying "Home | The Urban Thrift" and the URL "127.0.0.1:5500/html/index.html". The page itself has a white header with a red navigation bar containing "My account", "Cart", and "Wishlist". To the right of the navigation bar is a contact link: "Need help? Call us: (+91) 9876 5432 10 or info@urban-thritfs.com". Below the header, there's a main menu with "HOME", "ABOUT", "SHOP", "BLOG", and "CONTACT", along with a "LOGIN / REGISTER" button. The main content area features a large image of several books, including one titled "TAKE ONE" and another titled "SOON". A small potted plant and a striped cloth are also visible. Below the image, the text "Meet Your Next Favorite Book." is displayed, followed by "FOR AUTHOR & WRITE". The browser interface includes standard navigation buttons (back, forward, search, etc.) and a vertical sidebar on the right with various icons.

Home | The Urban Thrift

127.0.0.1:5500/html/index.html

My account Cart Wishlist

Need help? Call us: (+91) 9876 5432 10 or info@urban-thritfs.com

THE URBAN THRIFT

HOME ABOUT SHOP BLOG CONTACT

LOGIN / REGISTER

TAKE ONE

SOON

Meet Your Next Favorite Book.

FOR AUTHOR & WRITE

Thank you !!!