

#### **TITLE PAGE**

TITLE OF THE PROJECT: AURONCHIES: -From Wrists to Waves

(A Store for All Trendy Accessories)

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FARMAGUDI-PONDA-GOA



#### **DECLARATION**

We the undersigned, hereby declare that the project work entitled AURONCHIES - FROM WRISTS TO WAVES (A Store for All Trendy Accessories) E-commerce website has been prepared by us under the guidance of Mrs. Priya V. Nagvekar and the project work is submitted in the partial fulfilment of the requirements for the award of the degree of Bachelor of Computer Applications (BCA). The results obtained have not been submitted by any other university or institute for the award of any degree or diploma.

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## **CERTIFICATE BY GUIDE**

This is to certify that the project report/document is a record of work done by the candidates under my guidance during the period of study and to the best of my knowledge, the results obtained have not been submitted to any other university or institute for the award of any degree or diploma.

Ringretal

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Asst. Professor in Computer Science



# GOA VIDYAPRASARAK MANDAL'S GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE & ECONOMICS FARMAGUDI-PONDA-GOA



Certified that the project work entitled.

#### **AURONCHIES - FROM WRISTS TO WAVES**

(A Store For All Trendy Accessories) E-commerce website

Is a bonafide work carried out by:

MISS. MADHURI ANIL PATIL

SHRI. SHARFARAJ KAMALSAB GUMNALLI

SHRI. MAHAMMAD FATHE SOUDAGAR

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In partial fulfilment for the award of the degree of Bachelor of Computer Applications of Goa University during the academic year 2023-2024. It is certified that all corrections and suggestions for integrated assessment has been incorporated in the report deposited in the departmental library. The report has been approved as it satisfied the academic requirement of the project work for the Bachelor of Computer Applications.

| Internal Guide | <b>Head of the Department</b> | Principal |  |
|----------------|-------------------------------|-----------|--|
|                |                               |           |  |
|                | External Examiner             |           |  |



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We would like to thank our project guide/mentor Mrs. Priya V. Nagvekar for providing us with guidance, support, and valuable feedback throughout the project. Your expertise, knowledge, and encouragement have been instrumental in shaping the project and helping us to achieve our goals.

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We appreciate the support and cooperation of our classmates and friends who have provided us with feedback, insights, and encouragement throughout the project. Your input has been instrumental in improving the quality of our project and enhancing our learning experience.

Finally, we would like to acknowledge the support of our family members and loved ones who have encouraged and motivated us throughout this project. Your love and support have been a constant source of strength and inspiration for us.

Once again, thank you all for your contributions and support. We look forward to applying the knowledge and skills gained from this project to our future endeavours.



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# **SYSTEM ANALYSIS**





#### **CHAPTER 1**

#### 1. ANALYSIS

With the growing trend of online shopping, E-commerce Website have become increasingly popular. This project aims to design and develop an E-Commerce Website that allows users to browse products, add items to their cart, and checkout securely. Overall, the E-Commerce Website will provide users with a convenient and secure platform to purchase products online, while also allowing businesses to expand their reach and increase sales.

#### 1.1 PROPOSED SYSTEM

E-commerce, or electronic commerce, has become an integral part of modern businesses. "AURONCHIES" is a comprehensive E-commerce applications that provides businesses of all sizes and industries with the tools they need to succeed in the digital marketplace. With Auronchies, businesses can easily create an online store, manage their inventory, and accept secure payments from customers. The platform is user-friendly and customizable, allowing businesses to create a unique online presence that reflects their brand identity.

Overall, it has revolutionized the way businesses operate in the digital age by providing a robust platform for E-commerce transactions. Its features, such as the user-friendly interface and reliable shipping options, make it a top choice for businesses looking to expand their online presence and increase their sales. Its commitment to helping businesses succeed in the digital marketplace has made it a trusted partner for thousands of businesses around the world.



#### 1.1.1 OBJECTIVES

Our primary objective of opting this topic is to make small shops or businesses which are remotely setup in villages to make available to large number of audiences over internet.

The other objectives are as follows: -

- To develop an android application, where users can check for products, view product description along with image, price and to order the product online.
- To provide an interactive platform for sellers and buyers.
- To integrate a secure payment gateway for our application.

#### 1.1.2 FEATURES

#### • Easy to login and register

The first-time users need to register themselves by giving personal information such as first name, last name, email, phone number, password, address, city, and pin code. This helps the admins to identify the user.

#### • Cart option

The Cart option is a must for an e-commerce application. Our application probably has tons of products if the user wants to buy the product not immediately but sometime soon. Then their favourite products can be saved for later in the cart.



#### • Wishlist option

Wishlist option helps users by allowing him to add items in one convenient location. By adding all items to one location it will be easy for the user to browse his all-favourite product at one location called Wishlist.

#### • Secure payment gateway

Payment is something most users are doubtful about since it involves personal details and bank account details.

#### • Product specification

Customers who are interested in buying a product can check its details such as type, size, colour, and material. They have all the information they need available in one place.

## 1.1.3 INTENDED POTENTIAL WARS AND READING SUGGESTION.

### The potential wars of the project are:

#### • Admin

Admin or the administrator will maintain all records present in database. He checks whether the user is valid or not. He also looks after the different components of the application and how these various components interact with each other.

#### Users

Users are the people who will view or check the application for buying the products online. The user will create account on our application, browse



#### • Authentication functions

This function decides, confirms, and stores user's personal information to verify the identity.

#### Authorization levels

Every role has different access rights. Authorization levels determine who can create, read, or delete the data in the application.

#### • Search function.

Search function helps users to browse the products items in the application.

#### 1.1.6 NON-FUNCTIONAL REQUIREMENTS

#### • System requirement

- The smartphone should have proper internet connection.
- The smartphone should have minimum of 2GB of RAM to run the application.

#### • Security requirement

- The user should have a valid email id.
- The password kept by the user should be unique.

#### 1.2 FEASIBILITY STUDY

A feasibility study is a detailed analysis that considers all the critical aspects of a proposed project to determine the likelihood of it succeeding. It is done by the considering the following aspects:



#### 1.2.1 TECHNICAL FEASIBILITY

Technical feasibility involves the evaluation of the hardware, software, and other technical requirements of the proposed system. Visual Studio is an IDE platform that provides tools for building sites on any type of devices. For our project, we have used React js & Vite js for the E-commerce application using Visual Studio as it is the official IDE for and E-commerce application development. For the backend, we have used Firebase as a database engine and Razorpay for payment gateway.

#### 1.2.2 ECONOMIC FEASIBILITY

Economic feasibility is nothing but to check whether there are sufficient benefits in creating the Website in monetary terms. In our project, we classified the costs according to which phase it occurred. As we know that the system development costs are usually known on time, but we evaluated into certain cost categories: -

- Total cost incurred.
- Data usage
- Equipment cost

We all had distributed the work into our team. Each one was focusing into the respective topic. Also, we all had our personal laptop and phone with good specification. So, it was easy for us to focus on development of the application. Overall, we had required less than 5000 rupees to develop our project.

#### 1.2.3 OPERATIONAL FEASIBILITY

Operation feasibility analysis is done to check how our application is working in real time when we use it. Our project was done with motive of testing how goods are purchased in real world as a college project, we developed basic structure that includes the most used features.

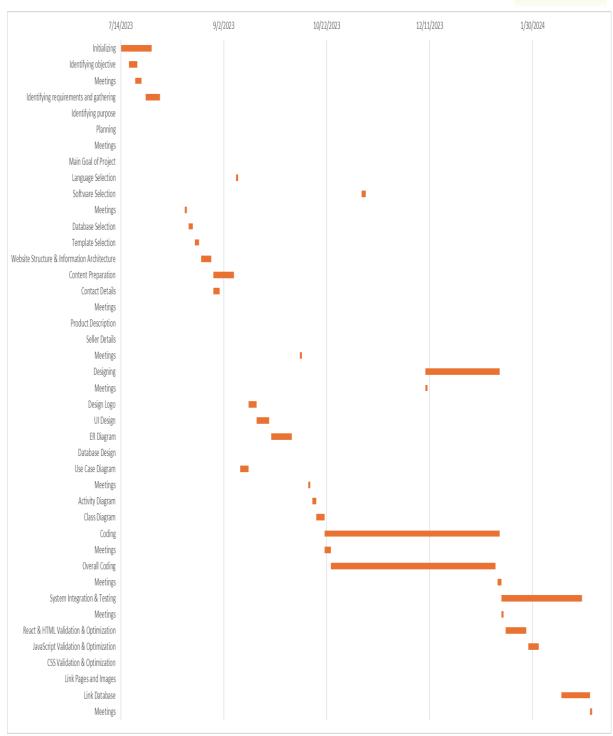


#### 1.3 GANTT CHART

A Gantt chart is a project management tool used to visualize and track project schedules. It shows the start and end dates of individual tasks, their dependencies and progress, and provides project managers with an overview of the project. Gantt charts are useful in a variety of industries and applications, helping project managers to manage tasks and resources, track progress, and ensure that projects are completed on time and within budget.

**Gantt Chart** 





The chart given below depicts the work distribution between our team member and the time frame allocated to each task.

#### **Gantt Chart Table**



| Sr. no | Task name                                    | Duration (working days) | Start date | End date   |
|--------|--|-------------------------|------------|------------|
| 1      | Auronchies                                   | 200 days                | 14/07/2023 | 28/2/2024  |
| 2      | Initializing                                 | 15 days                 | 14/7/2023  | 4/8/2023   |
| 2.1    | Identifying objective                        | 4 days                  | 18/7/2023  | 20/7/2023  |
| 2.2    | Meetings                                     | 3 days                  | 21/7/2023  | 25/7/2023  |
| 2.3    | Identifying requirements and gathering       | 7 days                  | 26/7/2023  | 2/8/2023   |
| 2.4    | Identifying purpose                          | 1 days                  | 3/8/2023   | 4/8/2023   |
| 3      | Planning                                     | 15 days                 | 5/8/2023   | 27/8/2023  |
| 3.1    | Meetings                                     | 1 day                   | 5/8/2023   | 6/8/2023   |
| 3.2    | Main Goal of Project                         | 1 day                   | 7/8/2023   | 8/8/2023   |
| 3.3    | Language Selection                           | 1 day                   | 9/8/2023   | 10/8/2023  |
| 3.4    | Software Selection                           | 2 days                  | 11/8/2023  | 13/8/2023  |
| 3.5    | Meetings                                     | 1 day                   | 14/8/2023  | 15/8/2023  |
| 3.6    | Database Selection                           | 2 days                  | 16/8/2023  | 18/8/2023  |
| 3.7    | Template Selection                           | 2 days                  | 19/8/2023  | 21/8/2023  |
| 3.8    | Website Structure & Information Architecture | 5 days                  | 22/8/2023  | 27/8/2023  |
| 4      | Content Preparation                          | 10 days                 | 28/8/2023  | 11/9/2023  |
| 4.1    | Contact Details                              | 3 days                  | 28/8/2023  | 31/8/2023  |
| 4.2    | Meetings                                     | 1 day                   | 1/9/2023   | 2/9/2023   |
| 4.3    | Product Description                          | 3 days                  | 3/9/2023   | 6/9/2023   |
| 4.5    | Seller Details                               | 2 days                  | 7/9/2023   | 9/9/2023   |
| 4.6    | Meetings                                     | 1 day                   | 10/9/2023  | 11/9/2023  |
| 5      | Designing                                    | 36 days                 | 12/9/2023  | 20/10/2023 |
| 5.1    | Meetings                                     | 1 days                  | 12/9/2023  | 13/9/2023  |
| 5.2    | Design Logo                                  | 4 days                  | 14/9/2023  | 17/9/2023  |
| 5.3    | UI Design                                    | 6 days                  | 18/9/2023  | 24/9/2023  |
| 5.4    | ER Diagram                                   | 10 days                 | 25/9/2023  | 4/10/2023  |
| 5.5    | Database Design                              | 4 days                  | 5/10/2023  | 8/10/2023  |
| 5.6    | Use Case Diagram                             | 4 days                  | 9/10/2023  | 12/10/2023 |
| 5.7    | Meetings                                     | 1 day                   | 13/10/2023 | 14/10/2023 |
| 5.8    | Activity Diagram                             | 2 days                  | 15/10/2023 | 16/10/2023 |
| 5.9    | Class Diagram                                | 4 days                  | 17/10/2023 | 20/10/2023 |
| 6      | Coding                                       | 85 days                 | 21/10/2023 | 14/1/2024  |
| 6.1    | Meetings                                     | 3 days                  | 21/10/2023 | 23/10/2023 |
| 6.2    | Overall Coding                               | 80 days                 | 24/10/2023 | 12/1/2024  |
| 6.3    | Meetings                                     | 2 day                   | 13/1/2024  | 14/1/2024  |
| 7      | System Integration & Testing                 | 39 days                 | 15/1/2024  | 28/02/2024 |
| 7.1    | Meetings                                     | 1 day                   | 15/1/2024  | 16/1/2024  |
| 7.2    | React & HTML Validation & Optimization       | 10 days                 | 17/1/2024  | 27/1/2024  |
| 7.3    | JavaScript Validation & Optimization         | 5 days                  | 28/1/2024  | 2/2/2024   |
| 7.4    | CSS Validation & Optimization                | 3 days                  | 3/2/2024   | 6/2/2024   |
| 7.5    | Link Pages and Images                        | 5 days                  | 7/2/2024   | 12/2/2024  |
| 7.6    | Link Database                                | 14 days                 | 13/2/2024  | 26/2/2024  |
| 7.7    | Meetings                                     | 1 day                   | 27/2/2024  | 28/2/2024  |



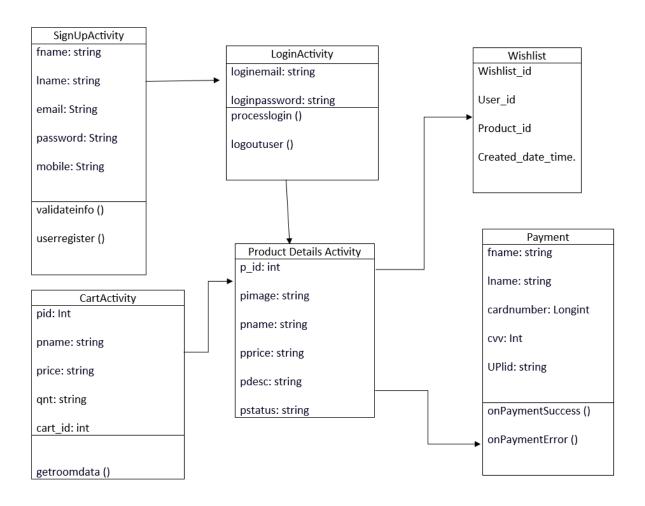
# **SYSTEM DESIGN**



**CHAPTER 2** 

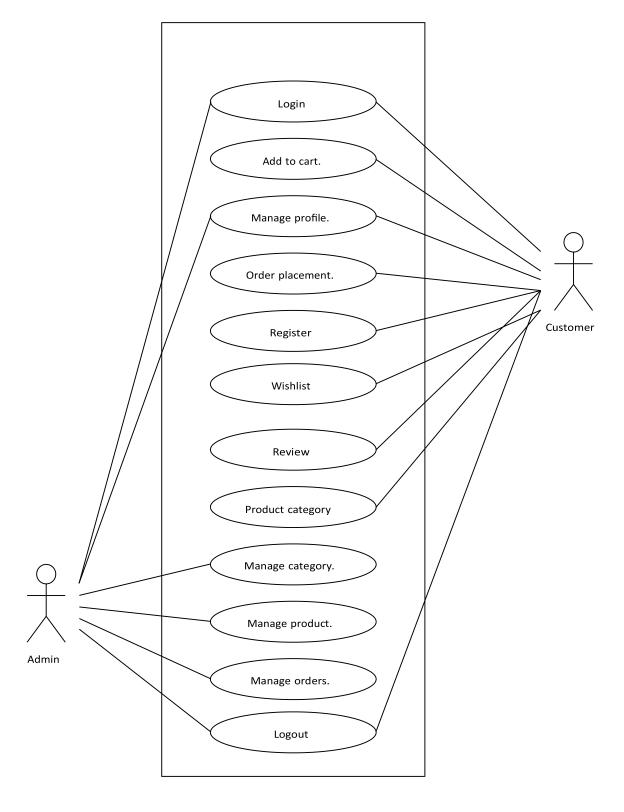


# 2.1 CLASS DIAGRAM





# 2.2 USECASE DIAGRAM





#### 2.3 USECASE DIAGRAM DISCRIPTION

A use case diagram is a visual representation of the interactions between actors (users or systems) and a system under consideration. It illustrates the various ways users or external systems interact with the system to achieve specific goals. Let's create a use case diagram for the e-commerce platform described earlier: Use Case Diagram for E-commerce Platform:

**Actors**: Customer Represents a user who interacts with the e-commerce platform to browse products, place orders, and manage their account.

**Admin**: Represents an administrator who manages the product catalogue, user accounts, orders, and performs administrative tasks.

#### **Use Cases:**

- Browse Products: Allows customers to search and view products available on the platform.
- Add to Cart: Enables customers to add products to their shopping cart for purchase.
- Remove from Cart: Allows customers to remove products from their shopping cart.
- Checkout: Allows customers to proceed to checkout and place an order.
- Manage Account: Allows customers to view and update their profile information, view order history, and manage payment methods.
- Manage Product Catalogue: Allows admins to add, update, or remove products from the catalogue.
- Manage Orders: Allows admins to view, update, and full fill orders placed by customers.

Generate Reports: Allows admins to generate sales reports, analyse

customer behaviour, and track performance metrics.

**Relationships:** 

• Include Relationship: Indicates that one use case includes another. For

example, the "Checkout" use case includes the "Add to Cart" and "Remove

from Cart" use cases.

• Extend Relationship: Indicates optional behaviour that extends the

functionality of a base use case. For example, the "Manage Account" use

case might be extended by a "Change Password" extension.

**System Boundary:** 

Represents the boundary of the e-commerce platform system, encompassing all

the use cases and actors involved.

This use case diagram provides a high-level overview of the interactions between

users (customers and admins) and the e-commerce platform system, helping

stakeholders understand the system's functionality and requirements.

Order placement description.

Use Case Name: Place Order

**Actors:** Customer, System

**Description:** This use case describes the process of a customer placing an order

for products on the e-commerce platform.

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#### **Preconditions:**

- The customer is logged into their account.
- The customer has added one or more products to their shopping cart.

#### **Basic Flow:**

- 1. The use case starts when the customer decides to proceed to checkout from the shopping cart page.
- 2. The system presents the customer with a checkout page where they can review the items in their cart, update quantities, and enter shipping and billing information.
- 3. The customer fills in the required shipping and billing details, such as name, address, contact information, and payment method.
- 4. The customer reviews the order summary, including the total cost, shipping method, and estimated delivery date.
- 5. The customer confirms the order by clicking the "Place Order" button.
- 6. The system validates the order details, including the availability of the products, the accuracy of the shipping and billing information, and the validity of the payment method.
- 7. If the order details are valid, the system processes the payment using the selected payment method (e.g., credit card, PayPal).
- 8. The system generates an order confirmation page, displaying the order number, confirmation message, and any relevant details (e.g., expected delivery date, tracking information).
- 9. The system sends an order confirmation email to the customer's registered email address, including the order details and a summary of the purchase.



#### **Postconditions:**

- The customer's order is successfully placed and processed.
- The customer receives an order confirmation email.
- The products are marked as reserved or pending fulfilment in the inventory management system.
- The payment is processed and recorded in the payment processing system.

#### **Alternate Flows:**

- If the customer encounters an error during the checkout process (e.g., invalid payment information, out-of-stock items), the system displays an error message and prompts the customer to correct the issue before proceeding with the order placement.
- If the payment transaction fails due to insufficient funds, declined payment method, or other payment processing errors, the system informs the customer and provides instructions for resolving the issue.

#### **Exceptions:**

- If the customer's session expires or they log out before completing the order, the system prompts the customer to log in again and resumes the checkout process from where it left off.
- If there is a system failure or technical issue during the order placement process, the system displays an error message and advises the customer to try again later or contact customer support for assistance.
- This use case describes the typical flow of a customer placing an order on an e-commerce platform, including the steps involved, preconditions, postconditions, and potential alternate flows and exceptions.



#### Manage product description.

Use Case Name: Manage Product

**Actors:** Administrator, System

**Description:** This use case describes the process of managing products within the e-commerce platform, including adding, updating, and removing products from the product catalogue.

#### Preconditions:

- The administrator is logged into their account.
- The administrator has appropriate permissions to manage products.

#### **Basic Flow:**

- 1. The use case starts when the administrator navigates to the product management section of the admin dashboard.
- 2. The system presents the administrator with a list of existing products in the product catalogue.
- 3. The administrator selects one of the following actions:
- Add Product: The administrator chooses to add a new product to the catalogue.
- The system prompts the administrator to enter the details of the new product, such as name, description, price, category, quantity available, and any other relevant attributes.
- The administrator fills in the required information and submits the product details to the system.



- The system validates the product details and adds the new product to the catalogue.
- Update Product: The administrator chooses to update an existing product in the catalogue.
- The administrator selects the product from the list and clicks on the "Edit" or "Update" button.
- The system displays a form pre-populated with the current details of the selected product.
- The administrator makes the desired changes to the product details and submits the updated information to the system.
- The system validates the updated product details and applies the changes to the product catalogue.
- Remove Product: The administrator chooses to remove an existing product from the catalogue.
- The administrator selects the product from the list and clicks on the "Delete" or "Remove" button.
- The system prompts the administrator to confirm the deletion of the selected product.
- The administrator confirms the deletion, and the system removes the product from the catalogue.
- 4. The system updates the product catalogue to reflect the changes made by the administrator.
- 5. The system may send notifications or trigger background processes to update related data, such as inventory levels, pricing, or availability.



#### **Postconditions:**

- The product catalogue is updated with the changes made by the administrator.
- Any related data or processes are updated or triggered accordingly.

#### **Alternate Flows:**

- If the administrator encounters an error during the product management process (e.g., validation error, database error), the system displays an error message and prompts the administrator to correct the issue before proceeding.
- If the administrator attempts to delete a product that is associated with existing orders or other data, the system may prompt the administrator to confirm the deletion or provide alternative actions (e.g., marking the product as inactive instead of deleting it).

#### **Exceptions:**

- If the administrator's session expires or they log out during the product management process, the system saves the changes made up to that point and prompts the administrator to log in again to resume the session.
- If there is a system failure or technical issue during the product management process, the system displays an error message and advises the administrator to try again later or contact technical support for assistance.
- This use case describes the typical flow of an administrator managing products within an e-commerce platform, including adding, updating, and removing products from the product catalogue.



#### Manage order description.

Use Case Name: Manage Order

Actors: Administrator, System

**Description:** This use case describes the process of managing orders within the e-commerce platform, including viewing, updating, and fulfilling orders. Preconditions:

- The administrator is logged into their account.
- The administrator has appropriate permissions to manage orders.

#### **Basic Flow:**

- The use case starts when the administrator navigates to the order management section of the admin dashboard.
- The system presents the administrator with a list of existing orders placed by customers.
- The administrator selects one of the following actions:
- View Order Details: The administrator chooses to view the details of a specific order.
- The administrator selects the order from the list and clicks on the "View Details" or "Order Details" button.
- The system displays the order details, including customer information, order items, shipping details, payment information, and order status.
- Update Order Status: The administrator chooses to update the status of an order.



- The administrator selects the order from the list and clicks on the "Update Status" or "Change Status" button.
- The system presents the administrator with a list of predefined order statuses (e.g., pending, processing, shipped, delivered).
- The administrator selects the new status for the order and submits the change to the system.
- The system updates the order status in the database and notifies the customer of the status change, if applicable.
- Fulfil Order: The administrator chooses to fulfil or process an order for shipping.
- The administrator selects the order from the list and clicks on the "Fulfil Order" or "Process Order" button.
- The system updates the order status to indicate that it has been processed and is ready for shipment.
- The system may trigger additional processes, such as updating inventory levels, generating shipping labels, and notifying the shipping provider.
  - 4. The system updates the order information in the database to reflect any changes made by the administrator.
  - 5. The system may send notifications to the customer to inform them of any updates or changes to their order status.

#### **Postconditions:**

- The order information is updated in the database with any changes made by the administrator.
- Customers may receive notifications regarding changes to their order status.



#### **Alternate Flows:**

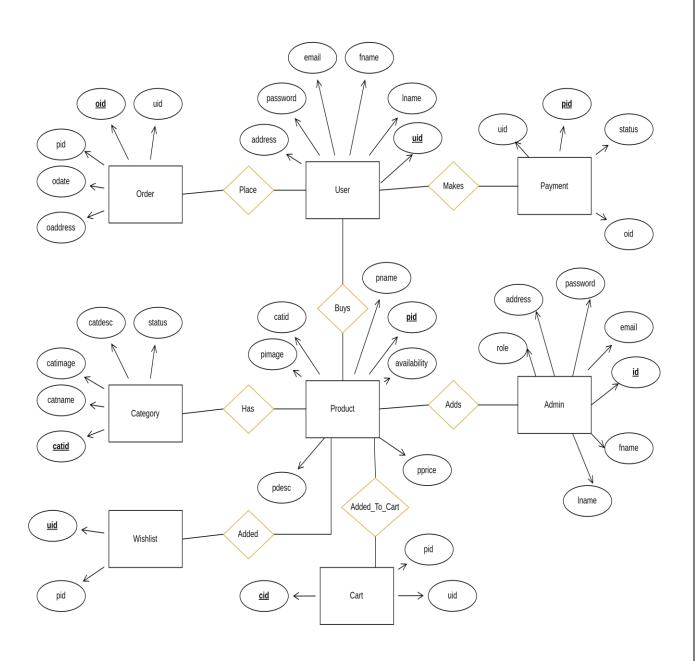
- If the administrator encounters an error during the order management process (e.g., database error, validation error), the system displays an error message and prompts the administrator to correct the issue before proceeding.
- If the administrator attempts to update or fulfil an order that is already in a final state (e.g., delivered, cancelled), the system may display a warning message and prompt the administrator to confirm the action.

#### **Exceptions:**

- If the administrator's session expires or they log out during the order management process, the system saves the changes made up to that point and prompts the administrator to log in again to resume the session.
- If there is a system failure or technical issue during the order management process, the system displays an error message and advises the administrator to try again later or contact technical support for assistance.
- This use case describes the typical flow of an administrator managing orders within an e-commerce platform, including viewing, updating, and fulfilling orders placed by customers.

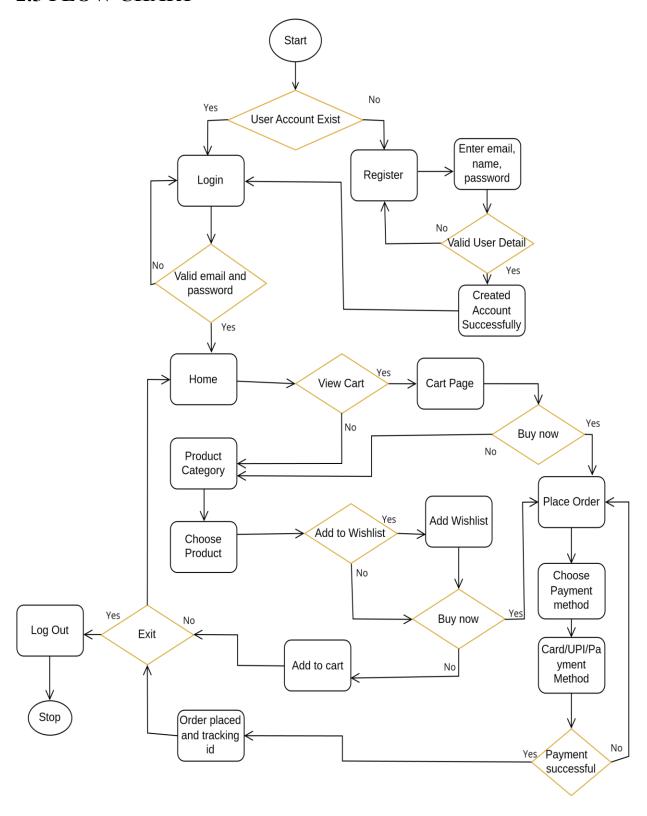


# 2.4 ENTITY RELATIONSHIP DIAGRAM





#### 2.5 FLOW CHART





# SOFTWARE & HARDWARE REQUIREMENT



Accessories



#### **CHAPTER 3**

#### 3.1 FRONTEND SOFTWARE TOOLS



React.js, commonly referred to as React, is a popular open-source JavaScript library for building user interfaces (UIs) or UI components. It was developed by Facebook and released to the public in 2013. React is widely used for creating single-page applications (SPAs) and dynamic web applications.

React has a large and active community, with extensive documentation, tutorials, and third-party libraries available to help developers build complex and feature-rich web applications efficiently.





Vite.js is a build tool and development server for modern web development projects, primarily focused on frontend development using JavaScript frameworks like Vue.js and React.js. It was created by Evan You, the same developer behind Vue.js. The name "Vite" is derived from the French word for "fast."

Vite.js aims to provide a fast and streamlined development experience for modern web applications, leveraging the native capabilities of modern browsers and ES Modules to optimize build times and developer productivity.





When you write a normal document using a word processor like Microsoft Word/Office, your text is saved in a file with a special format. It is not simply saved as the string of words you typed since the document needs to preserve things like the font you chose, the size of the text, which words are in bold, which italics, and so on. The special format includes not only your words, but all this extra information so that the next time Word opens your document, it can display the document with the exact appearance you created earlier.

In the same way, web pages are simply strings of words put in a special format that web browsers can display. While the format of Word documents is simply called "Word format" (or "doc format"), loosely speaking, one might say that web pages are formatted using "HTML".





Cascading style sheets (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language. Its most common application is to style web pages written in HTML and XHTML, but the languages can also be applied to any kind of XML document, including plain XML, SVG and XUL.

CSS is designed primarily to enable the separation of document content (written in HTML or a similar markup language) from document presentation, including elements such as the layout, colours, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design).CSS can also allow the same markup page to be presented in different styles for different rendering methods, such on-screen, in\print, by voice (when read out by a speech based browser or screen reader) and on Braille-based, tactile devices.



### ZL



JavaScript often abbreviated as JS, is a high level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm. Alongside HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content engineering. It is used to make webpages interactive and provide online programs, including video games. Many websites employ it, and all modern web browsers support it without the need for plug-ins by means of a built-in JavaScript engine. Each of the many JavaScript engines represent a different implementation of JavaScript. JavaScript was initially created to "make web pages alive". The programs in this language are called scripts. They can be written right in a web page's HTML and run automatically as the page loads.

Scripts are provided and executed as plain text. They don't need special preparation or compilation to run.



# **Bootstrap**

Bootstrap is a popular front-end framework for building responsive and mobile-first websites and web applications. It was originally developed by Twitter and is now maintained as an open-source project on GitHub. Bootstrap provides a collection of HTML, CSS, and JavaScript components, as well as pre-built templates and themes, that make it easy to create visually appealing and functional user interfaces.



#### 3.2 MIDDLEWARE AND AUXILIARY TOOLS

# Canva

Canva is an online graphic design platform that empowers users to create a wide range of visual content quickly and easily, without the need for extensive design skills or software expertise. It offers a user-friendly interface and a vast library of templates, images, illustrations, fonts, and other design elements that users can mix and match to create professional-looking graphics for various purposes.



Figma is a collaborative interface design tool that allows teams to create, prototype, and collaborate on digital designs in real-time. It's widely used by designers, product managers, and developers to create user interfaces for websites, web applications, mobile apps, and other digital products. Figma operates in the cloud, which means users can access their designs from anywhere with an internet connection.



# Visual Paradigm

Visual Paradigm is a software company that provides a range of modelling and diagramming tools for software development, system design, business process modelling, and more. Their flagship product is also named Visual Paradigm, which is a comprehensive modelling tool suite used by software developers, architects, business analysts, and other professionals to visualize, design, and document various aspects of software and system development projects.



#### 3.3 BACKEND SOFTWARE



Firebase is a comprehensive mobile and web application development platform developed by Google. It offers a wide range of services and tools to help developers build high-quality applications more quickly and efficiently.

Firebase offers a generous free tier for many of its services, making it accessible to developers of all sizes. It's widely used by developers and businesses to build and scale mobile and web applications across various industries.

## ARazorpay

Razorpay is a technology company based in India that provides payment solutions to businesses. It offers a payment gateway, which allows businesses to accept payments online through various methods such as credit/debit cards, net banking, UPI (Unified Payments Interface), and digital wallets. Razorpay also provides services like recurring payments, invoicing, international payments, and other financial tools to help businesses manage their transactions more efficiently.



# **USER MANUAL**

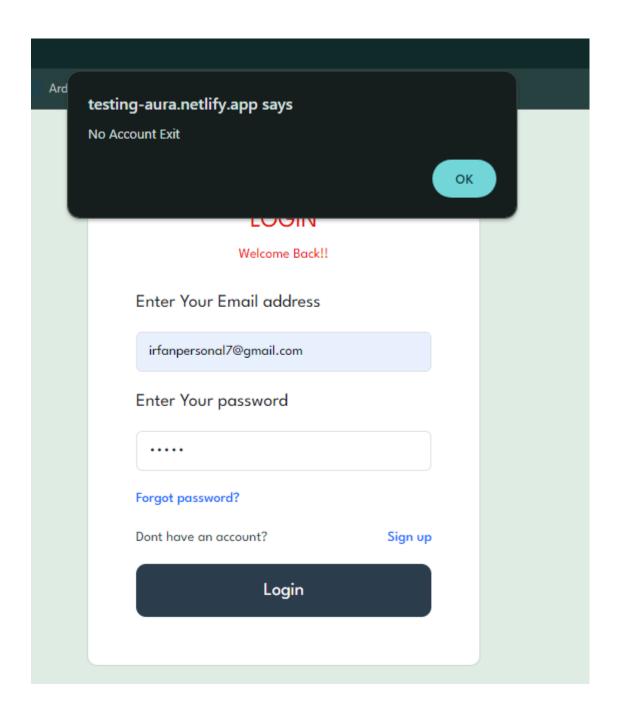


Accessories



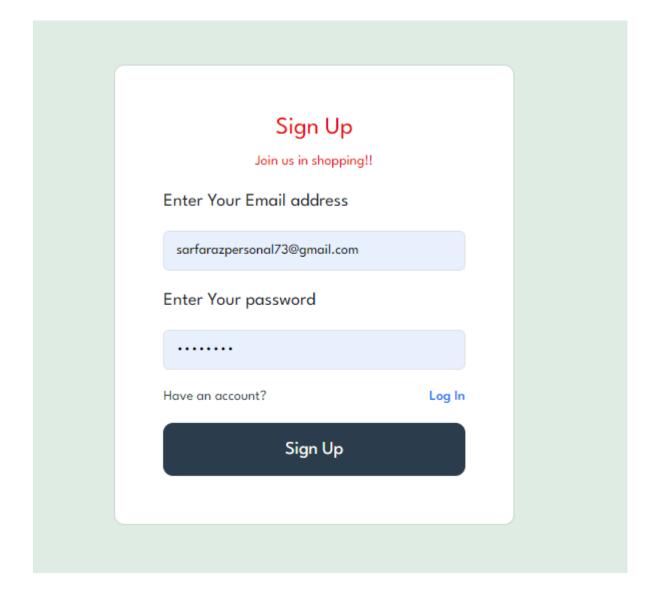
#### **CHAPTER 4**

This is the user login page.



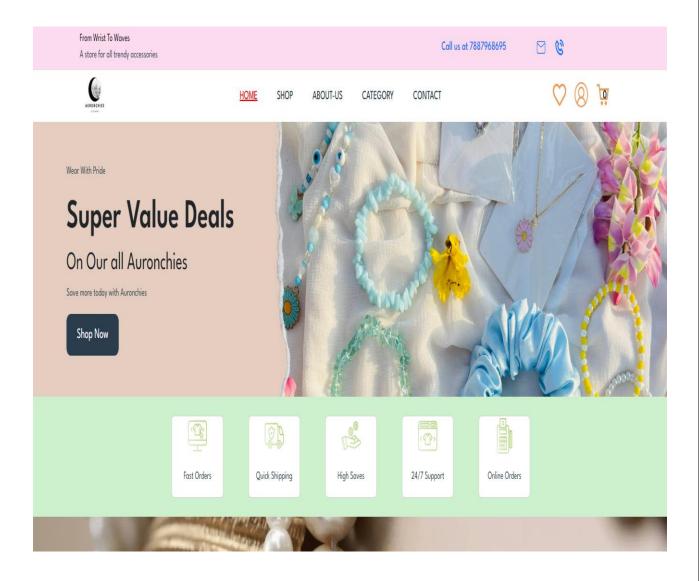


#### This is the page where customer can sign up.



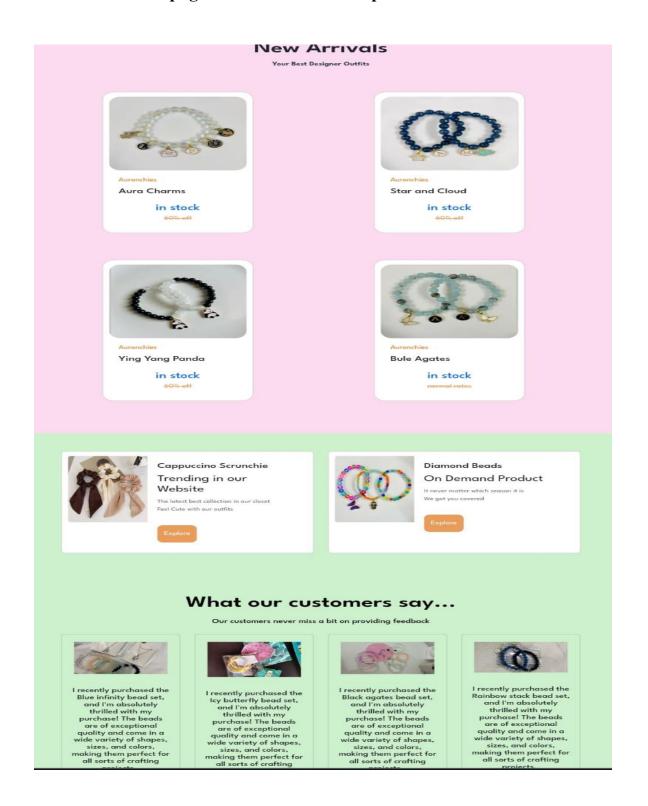


#### This is the home page where the user can navigate to different menu options.



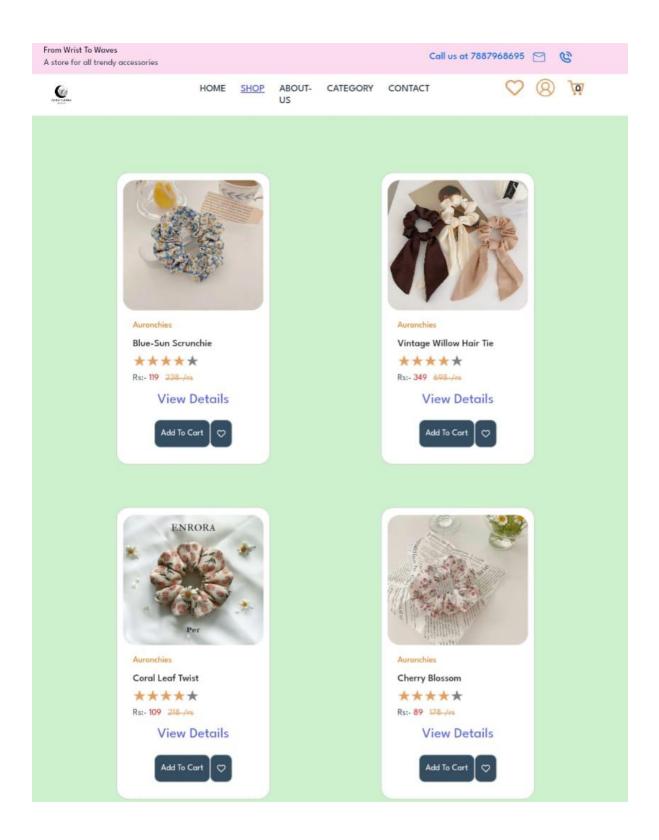


#### This is the home page where user can view products in stock and can access reviews.





#### This is the page where user can view different products to purchase.



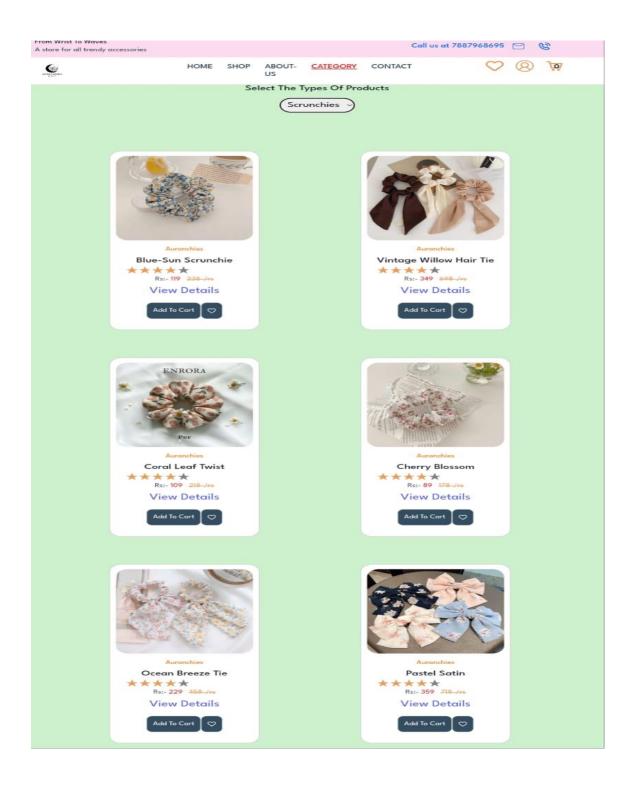


About Us page to give users knowledge about our website "Auronchies" and the products we sell and brief info on developers.



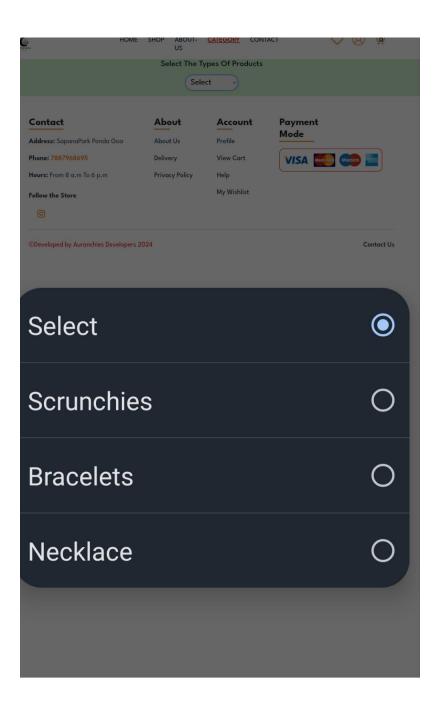


Categories page is created for grouping our similar products like Scrunchies and Beads and Bracelets.



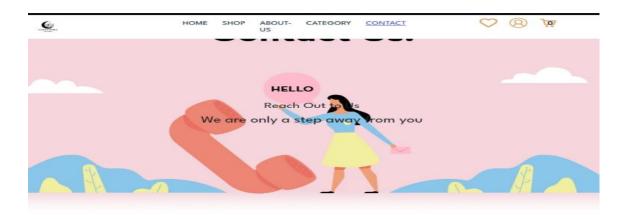


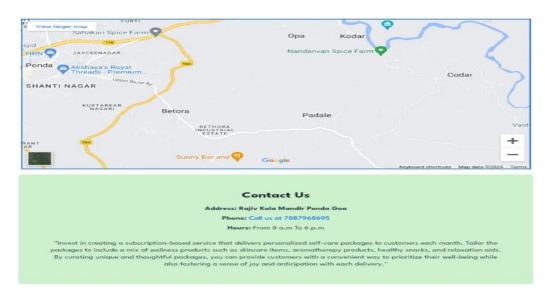
A pop-up window that redirects you to the selected product page.





Contact page that allows users to reach out to us whenever a query is generated, a map to locate our site, customer care number and a feedback form.







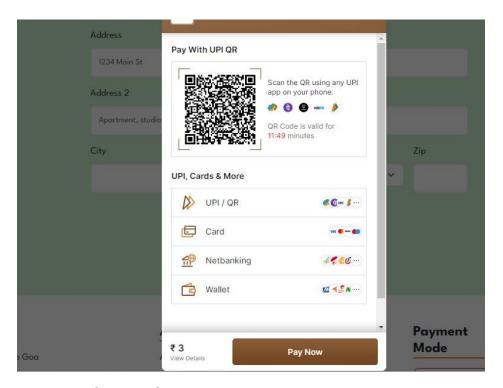


Footer that gives access to the user to redirect a selected page when he clicks on a particular button.

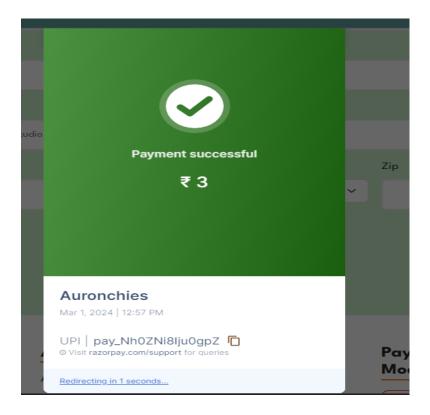
| Contact                       | About          | Account     | Payment                 |
|-------------------------------|----------------|-------------|-------------------------|
| Address: SapanaPark Ponda Goa | About Us       | Profile     | Mode                    |
| Phone: 7887968695             | Delivery       | View Cart   | VISA Mastercard Maestro |
| Hours: From 8 a.m To 6 p.m    | Privacy Policy | Help        |                         |
| Follow the Store              |                | My Wishlist |                         |
| 0                             |                |             |                         |



#### Payment Window for The User to Make A Payment.



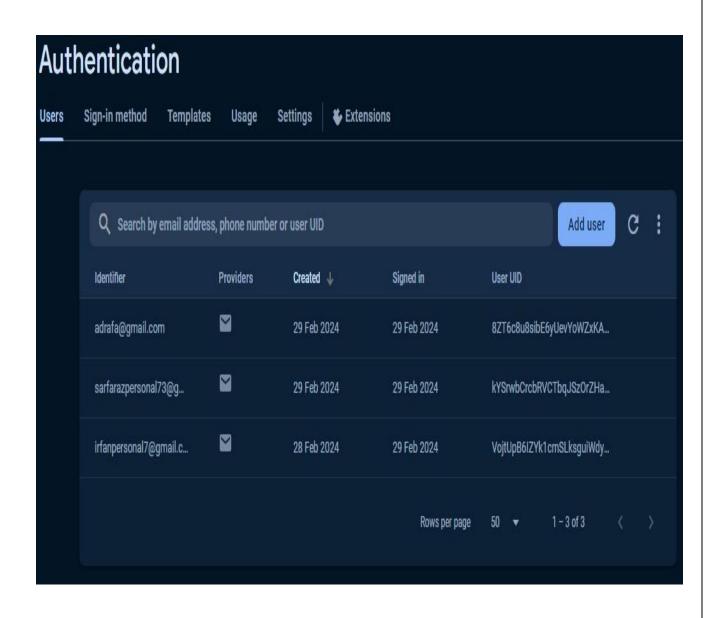
#### Payment Successful.





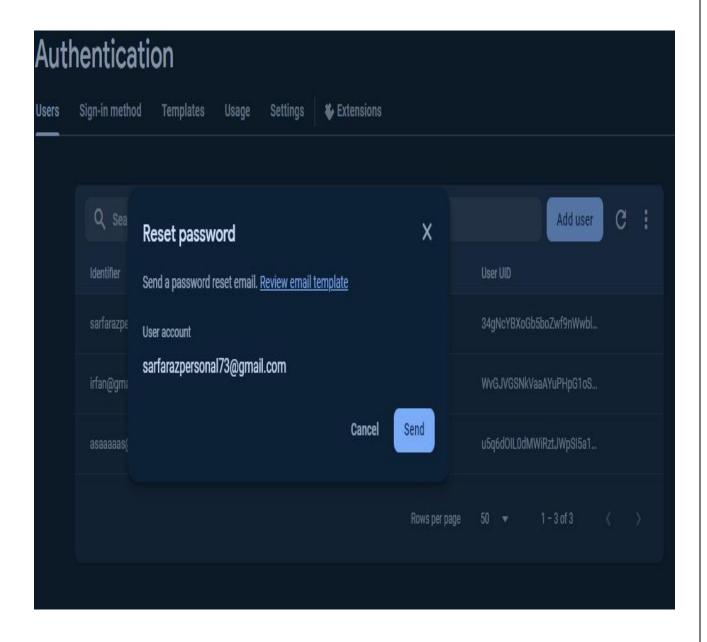
#### 4.1 DATABASE SCREENSHOT

#### **Registration Table**





#### **Password Reset Request Form**

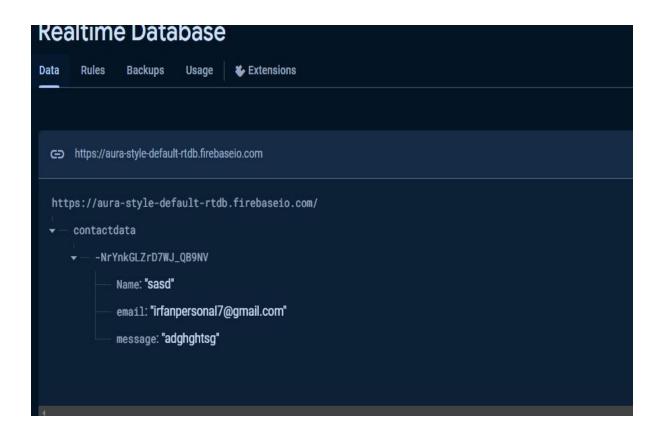




#### **Feedback Table**



#### **Contact Table**





## **FUTURE ENHANCEMENT**



Accessories



#### **CHAPTER 5**

#### **FUTURE ENHANCEMENT**

- **♣** We intend to host our website online.
- **♣** Develop an android App for mobile.
- ♣ Accepting payments through net banking, credit cards, debit cards, UPI, E-wallets, etc.
- **↓** Implementing a better complaint handling and services to the customers.
- **♣** We intend to include doorstep grooming services.
- ♣ We intend to use advance algorithms for our lost and found feature.
- ♣ Providing wide range of pet breeds for sale.
- ♣ Maintaining health records of pets.



#### **CHAPTER 6**

#### **Bibliography**

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- **♣** "Software Engineering" By Pankaj Jaluit's
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- www.github.com
- **www.tutorialpoint.com**
- https://firebase.google.com
- https://react.dev