

# FASHION CHIPPS

Snehitha Barukula - AP18110010438

Sravani Peteti - AP18110010439

Alekhy Kurucha – AP18110010414

CSE - G (07) (3 rd year)

Department of Computer Science

SRM University – AP

# **Abstract**

Fashion Chipps is a web application intended for online retailers. Fashion Chipps sells high-end, eco-conscious fashion and accessories for men and women. Their product descriptions match their style: sassy, yet classy. The application is made with an objective to make fashion goods available to everyone. The application makes searching, viewing and selection of any product easier. It contains a sophisticated search engine for user's to search for products specific to their needs. The search engine provides a simple and secure way to search for products where a user can Search for a product of his choice and the search engine would refine the products available based on the input provided. The application also provides an add to cart feature so that a user can add a product to the shopping cart.

## Technologies Used

1. Front-end: In ecommerce, the technology usually refers to the programming languages that are used to develop the platform. Fashion Chipps is an ecommerce website built using html,css,javascript and bootstrap and Python Django
2. Back-end : Database is the heart of the technology platform, where all of the main data related to the website are stored. The Primary database will collect the details from the user's and it's responsible for the data that are shown on UI (front-end). Fashion Chipps uses SQL database software.

## Details handled

- User-friendly navigation bar : This fixed navigation bar at the top helps users in easy navigation between pages.
- Customer login: This helps users to register to our site and login.
- Customer cart: This is an integral part of the ecommerce site placed at the upper right corner of the webpage, which shows the details about the customer cart.
- Search bar: The bar helps users to search and filter the products thus making it convenient to the user.
- Consistent image size: Images in the category pages are of fixed size.
- Product title and information: This includes product name, product images, price, offered, rating and discount
- Add to cart button: The button prominently displays beside the product image.
- Total price: Total cost of all the products added to the cart must be displayed.
- Place order button: This is displayed in the customer cart page.when the user is ready to place order the button redirects to the payment portal.
- Payment and delivery details: When a user tries to place an order, details of his payment are displayed namely the card details and valid mobile number

## Assumptions

- All the items and product details that are visible on the site are maintained by the admin.
- Users must login to the site with their mail id and password in order to add products to their cart.
- Without logging in, User can just view the products.

This application in real life can be used by a wide range of users who want to purchase goods from the comfort of their houses. This application helps users in finding goods of their interest by providing well categorised products and a search engine to find goods specific to their needs.

## Sample scenarios

Fashion chipps is a real-time web application that can be used by any user who wants to buy fashion products with a valid email id and mobile number. This enables a better authentication for user experience.

- When a user is in search of any application that belongs to fashion and he wants to buy goods online then they can reach our website.
- Users can go through a wide range of products available on our site and they must login with their registered credentials to add any products to their cart.
- Once logged in they can add the products they want to buy to their cart and can place an order anytime.
- Users can anytime remove products from cart and add them to wishlist if they wish to buy some time later.

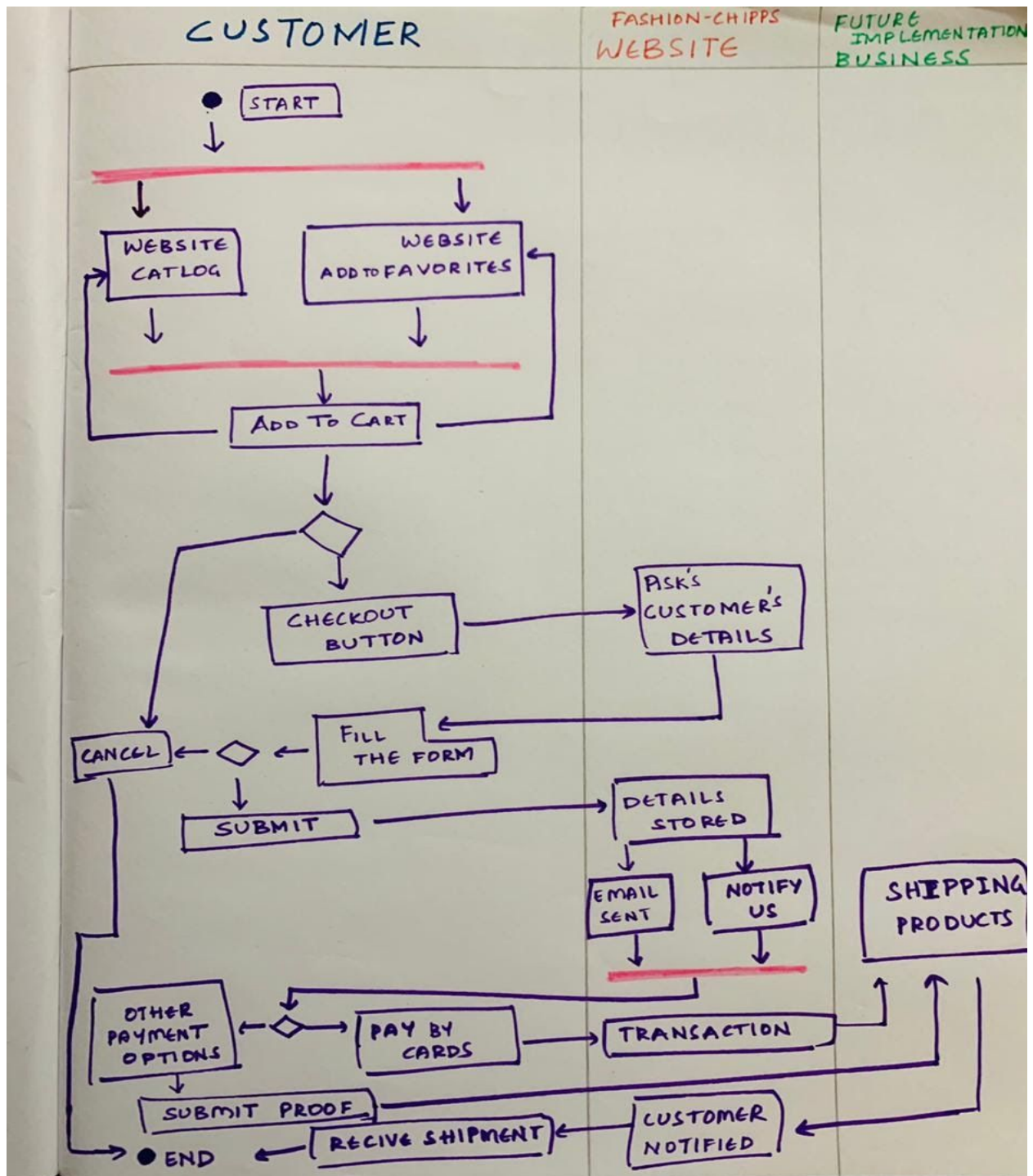
## **Project Flow**

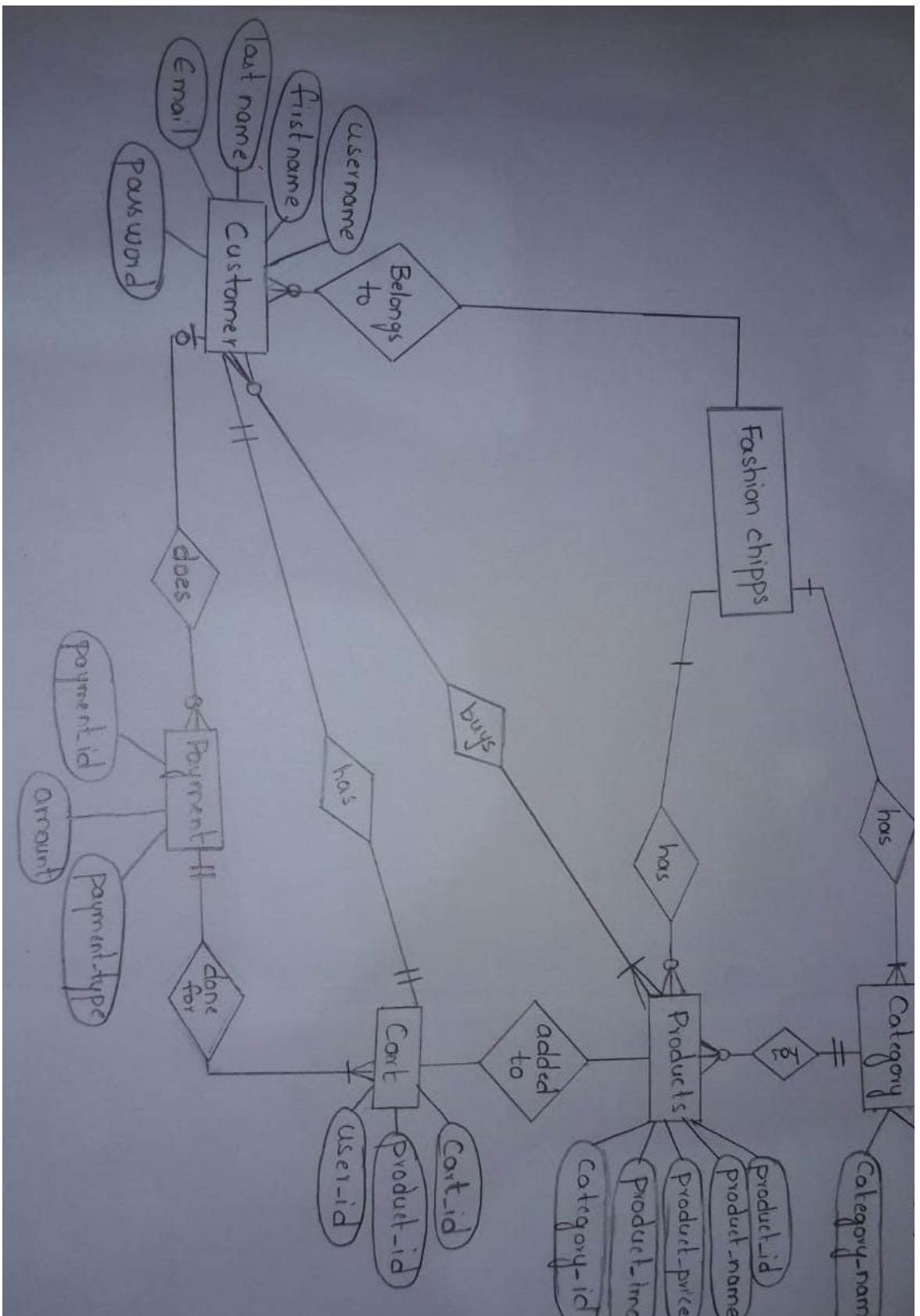
Fashion Chipps involves two logical entities - The frontend, Backend (Payment mechanism and database). The frontend involves a series of HTML and CSS web pages that displays products and basic design of the website. The backend involves the database management system software where all the data of the product and users is stored. The database is responsible for the structure of data. The main purpose of the database is to digitally store information that can be captured, retrieved, and distributed easily at a later time. Through this system, information such as transactional or systems oriented data can be organized and tracked based on chosen settings. This also gives businesses the ability to analyze and track information about the products, sales, and customers that have been input into the database.

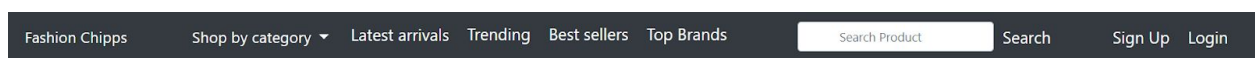
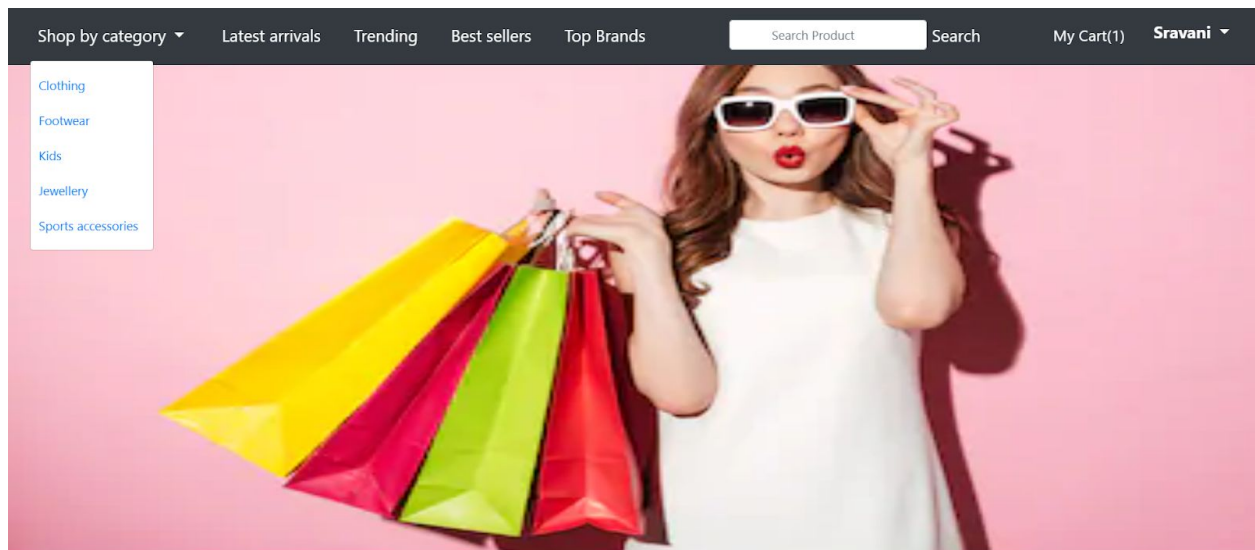
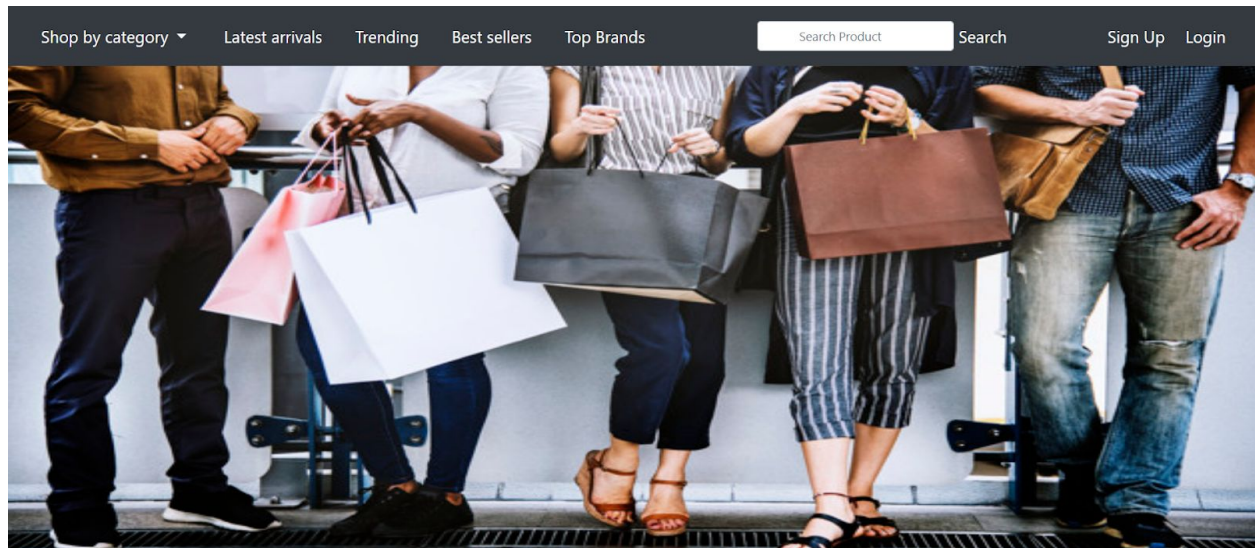
## **Future Implementations**

The future Implementations of the project include using the static website into real-time e-commerce application. Database software is crucial in order to run an efficient and successful website. The below flowchart also represents the future work of the website.

# Flow Diagram & E-R Diagram







SignUp Form

Username:  Required. 150 characters or fewer.  
Letters, digits and @/./+/-/\_ only.

First name:

Last name:

Email address:

Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation:  Enter the same password as before, for verification.




Login Form

Username:


Password:

Signin




**frock**  
Price:Rs.2999.0

Add to cart




**Formals**  
Price:Rs.1600.0


Add to cart




**Kurta**  
Price:Rs.1200.0

Add to cart








Shop by category ▾Latest arrivalsTrendingBest sellersTop Brands

Search Product


Search

Sign Up Login




**Fancy Necklace**  
Price:Rs.6850.0

Add to cart




**Ear-rings**  
Price:Rs.799.0

Add to cart



**Jewellery set**  
Price:Rs.5500.0

Add to cart





**Bangles**

Shop by category ▾Latest arrivalsTrendingBest sellersTop Brands

Search Product

Search

My Cart(1)  **Sravani** ▾

Product name	Product Image	Price
Cricket bat		Rs.1200.0 <div>Remove</div>

Continue shopping

Total: Rs.1200.0

Place order

Billing Address

👤 Full Name

John M. Doe

✉ Email

john@example.com

🏠 Address

542 W. 15th Street

🏙 City

New York

State

NY

Zip

10001

Payment

Accepted Cards



Name on Card

John More Doe

Credit card number

1111-2222-3333-4444

Exp Month

September

Exp Year

2018

CVV

352

☒ Shipping address same as billing

Checkout

Cart

Cricket bat

Rs.1200.0

Total

Rs.1200.0

[Profile](#)  
[Signout](#)

**FIRST NAME:** sravani

**LAST NAME:** peteti

**MAIL-ID:** peteti\_sravani@srmap.edu.in

[Edit](#)[Back](#)

**Username:**

**First name:**

**Last name:**

**Email address:**

**Save Changes**

## Conclusion

Thus we have successfully implemented an online shopping website using Database Management System software which helps us in centralizing the data used for managing the tasks performed in an online shopping. We have successfully learnt to implement an ecommerce website using the technical front languages like html, css, javascript and bootstrap and created the fully functional database management system for online shopping.

Overall the project teaches us the essential skills like:

1. Using system analysis and design techniques like data flow diagrams in designing the system software.
2. Understanding programming logic and language along with utilities like reports, forms, queries etc. in SQL.

## References

- [1] Building the Design of e-commerce.(n.d), Retrieved from [https://www.researchgate.net/publication/327897515\\_Building\\_the\\_Design\\_of\\_E-Commerce](https://www.researchgate.net/publication/327897515_Building_the_Design_of_E-Commerce)
- [2] Design and Implementation of E-Commerce Website for Shopping.(n.d),Retrieved from [https://www.researchgate.net/publication/335126262\\_Design\\_and\\_Implementation\\_of\\_E-Commerce\\_Website\\_for\\_Shopping](https://www.researchgate.net/publication/335126262_Design_and_Implementation_of_E-Commerce_Website_for_Shopping)