A System Design Project Report on

HEMOLY DAIRY

Submitted in partial fulfilment of the degree of
Bachelor of Computer Applications
VI Semester

Submitted by

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Faculty of Computer Science

Lachoo Memorial College of Science & Technology (Autonomous)

Jodhpur

2021

Faculty of Computer Science

Lachoo Memorial College of Science & Technology (Autonomous)

CERTIFICATE

This is to certify that the System Design Project entitled

HEMOLY DAIRY

has been designed and developed by

ABHAY JAIN

NAVEEN SHARMA

PIYUSH KUMAR

PIYUSH TAK

in partial fulfilment of the degree of BCA VI Semester Examination 2021, under our supervision and guidance.

Prof. (Dr.) Priyadarshi Patni
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Faculty of Computer Sc

DR.DEEPAK MATHUR
Designation,
Faculty of Computer Sc

Date:

Acknowledgements

The satisfaction that accompanies that the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

I am grateful to my project guide Dr. Deepak Mathur sir for the guidance, inspiration and constructive suggestions that helped me in the preparation of this project.

I am also thankful to my colleagues who have helped me in successful completion of the project.

ABHAY JAIN

NAVEEN SHARMA

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1. Introduction

We are committed to preserve the health and wellness of families & farmers

Hemoly dairy was launched as the flagship brand of Sri Mahalakshmi Dairy Private Limited, giving us the space to come up with our own dairy products. The dairy was started with the prime goal of serving the poor & the economically week dairy farmers in the Rajasthan, Gujrat and all over India. Through time we have expanded largely & have gained the trust of farmers, making us the pioneers in the dairy industry.

2. Need

Simply put, dairy brands that are not already selling online need to get on board. Advertising and selling through any new channel present opportunities for brands to reach new customers, but e-commerce holds the most potential for grocery because of its rapid growth. Selling online allows brands to reach shoppers they might have never connected with otherwise -- and for the grocery industry, the number of new consumers a brand can reach through online channels will simply continue to grow.

Not only are you able to reach a wider audience through online grocery channels, but you're able to engage with shoppers in a more personalized way, which ultimately fosters loyalty. You can include more information about your products that you might not have been able to do when selling in stores, or you can offer special promotions for consumers who have purchased with your brand in the past or are purchasing complimentary items (i.e. a consumer buying a box of cereal might need milk).

For any industry, creating loyalty is the ultimate goal. Maybe the new customers you've reached will automatically put your products into their online shopping carts each week, or the next time they're in a physical grocery store, they'll seek out your brand. The opportunities here for dairy providers to not only generate brand awareness but also drive sales long term are substantial.

3. Existing System with Limitations

- "HEMOLY DAIRY" site only deals with dairy product. It doesn't deal with pulses and dry vegetables (masalas).
- This system is more appropriate for large scale business.
- No use of AI
- For now, you can't buy product with cart method

4. Proposed System

- Our site is flexible and easy to use with less complexity.
- It provides fast access and reliable output anytime, anywhere to everyone.
- It is user friendly and time saving.
- No limit in quantity

5. Process / Working

In our website "HEMOLY DAIRY" we are providing the facilities of online purchasing and home delivery option to your Clint

- Firstly, the user is needed to register his/her name along with all the information needed and need to select email/phone no. and password for the login process. Using this email and password, the user can login into the software
- After login, HOME PAGE will appear in which they can the navigation bar at the top of the site in which all the details and option about the “Hemoly Dairy” like about us, process, contact etc…
- After then, we select the item whatever Clint need in product section

- After selection, the link takes you to the contact where you can enquiry about the product and the item and give his/her detail there so the product will be delivering
- There is a link of branches and contact us on the same page so that any user can contact us easily.

6. Feasibility Study

It is the measure and the study of how beneficial the development of the system would be to the organization. This is known as feasibility study. The measurement of feasibility is known as feasibility study. This site will be useful for all kind of people and those who like to have good products for their family.

1. Technical Feasibility

- User can also keep track of their past order.
- User can easily run this site in any computer or mobile because this site is responsive site.
- We are developing it using php so it will be available for all the users. No platform dependency.

2. Behavioural Feasibility

- It evaluates and estimates the user attitude or behaviour towards the purchase.
- Users like housewives, nutritionists, children’s, older etc. can use our site as well as products.

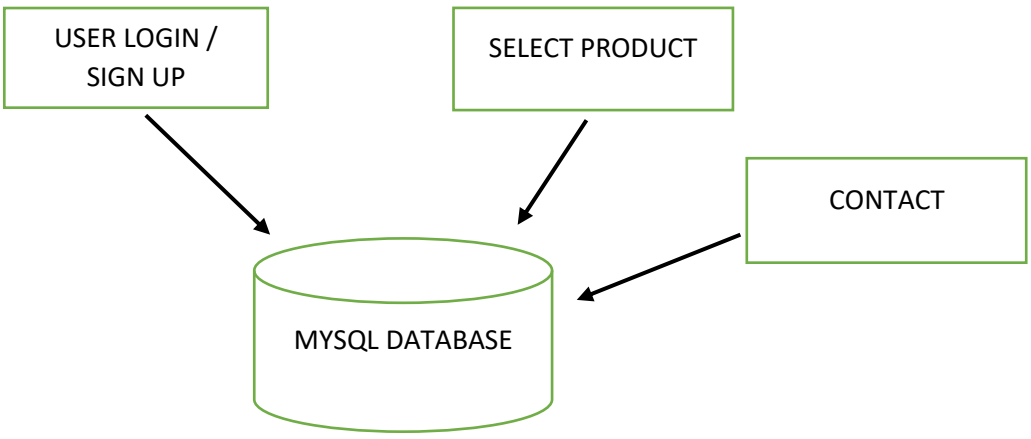
- This site is very easy to use. The users don't need any kind of acknowledgement or training to use this application

3. Economic Feasibility

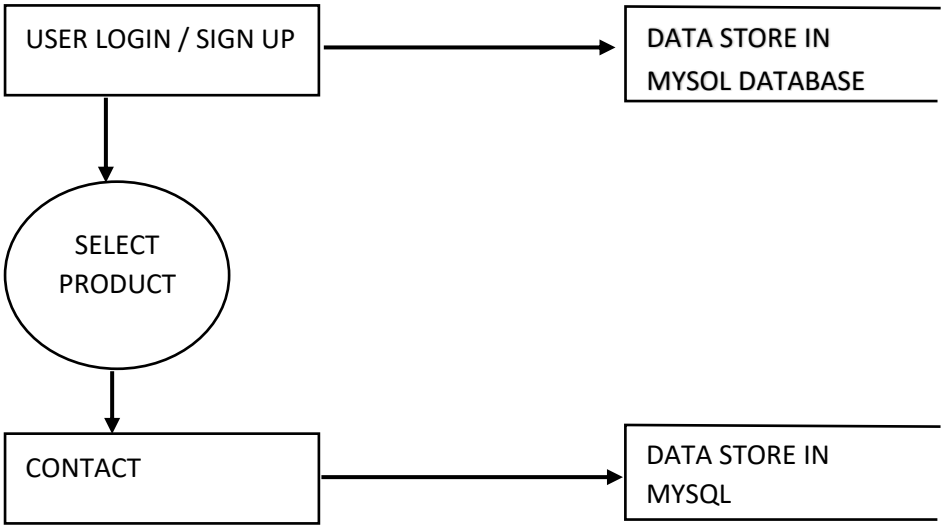
- Also known as cost benefit Analysis.
- The application is developed with low cost and the output provided by this application is also up to the mark.
- The user can register free off cost
- Users only will have to pay for their product and prime membership (if they take)

7. Data Flow Diagrams

1. *Context Level Diagram*



2. Level 1 Diagram



8. ENTITY- RELATIONSHIP DIAGRAM (ERD) & TABLE

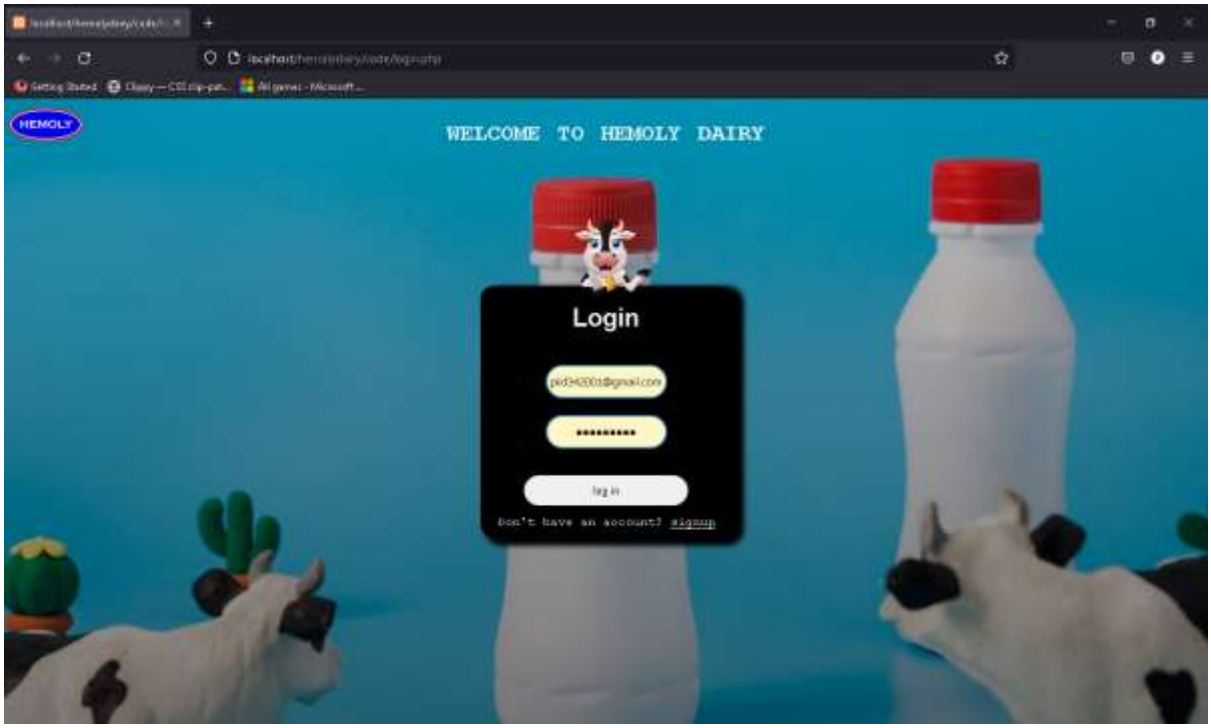
entity-relationship (ER)diagram, is a graphical representation of entities (tables) and their relationships to each other, typically used in computing in regard to the organization of data within databases or information systems

NOTE: **Bold** = Primary Key *Italics*= Foreign Key.

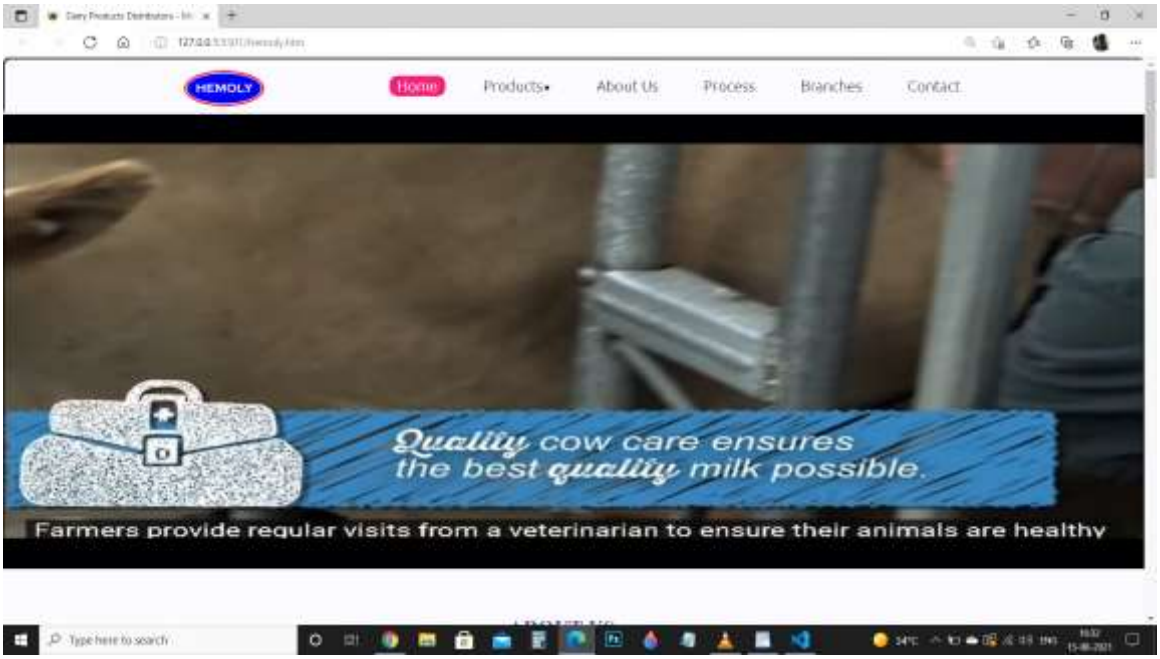
ID	PRIMARY KEY	VALUE
USER ID	VARCHAR	20
EMAIL	VARHCRA	20
PASSWORD	VARCHAR	20
MOBILE NUMBER	INT	10

9. Project Design (Screenshots)

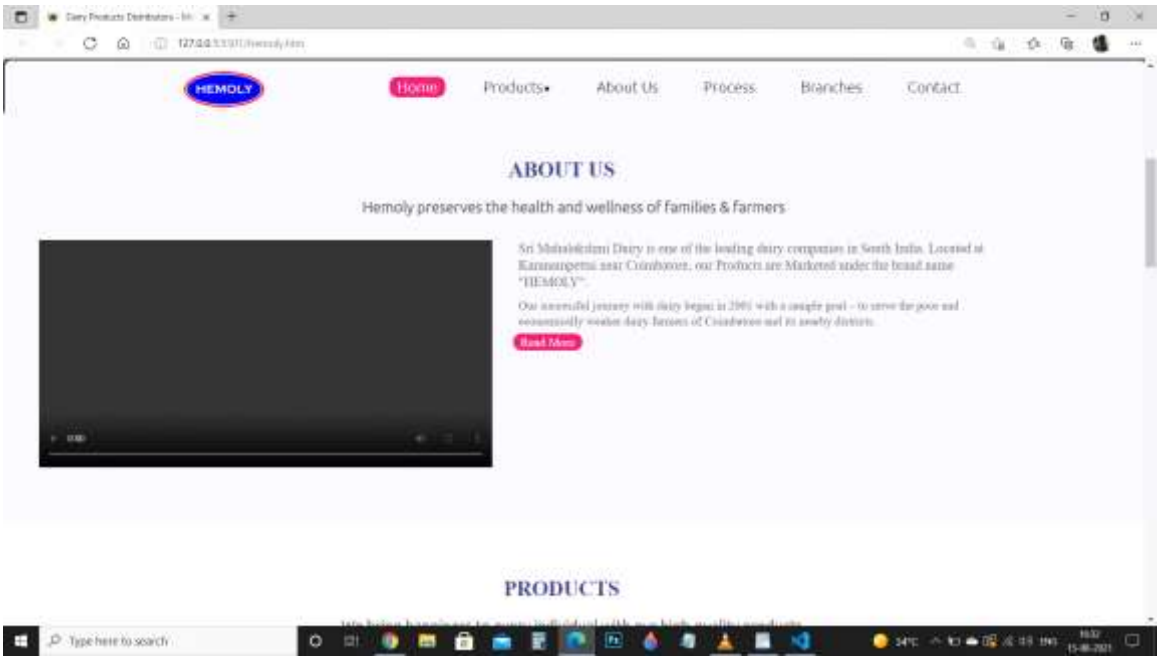
- **LOGIN PAGE**

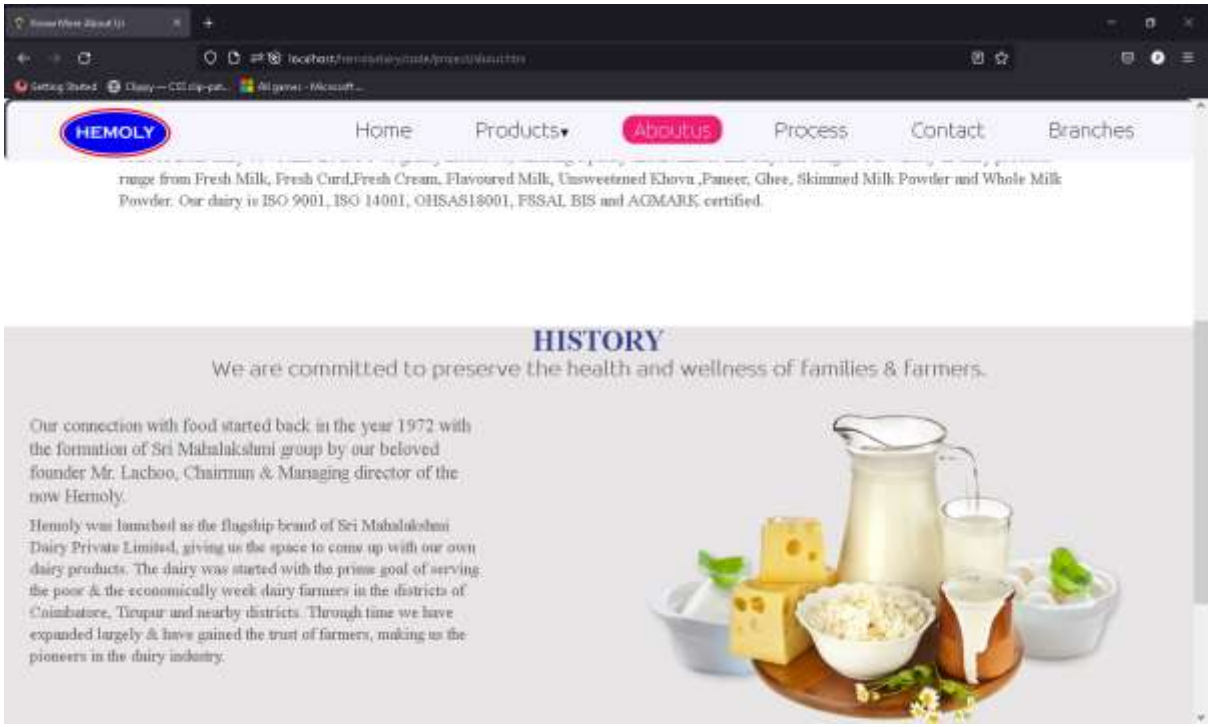


- **HOME PAGE**

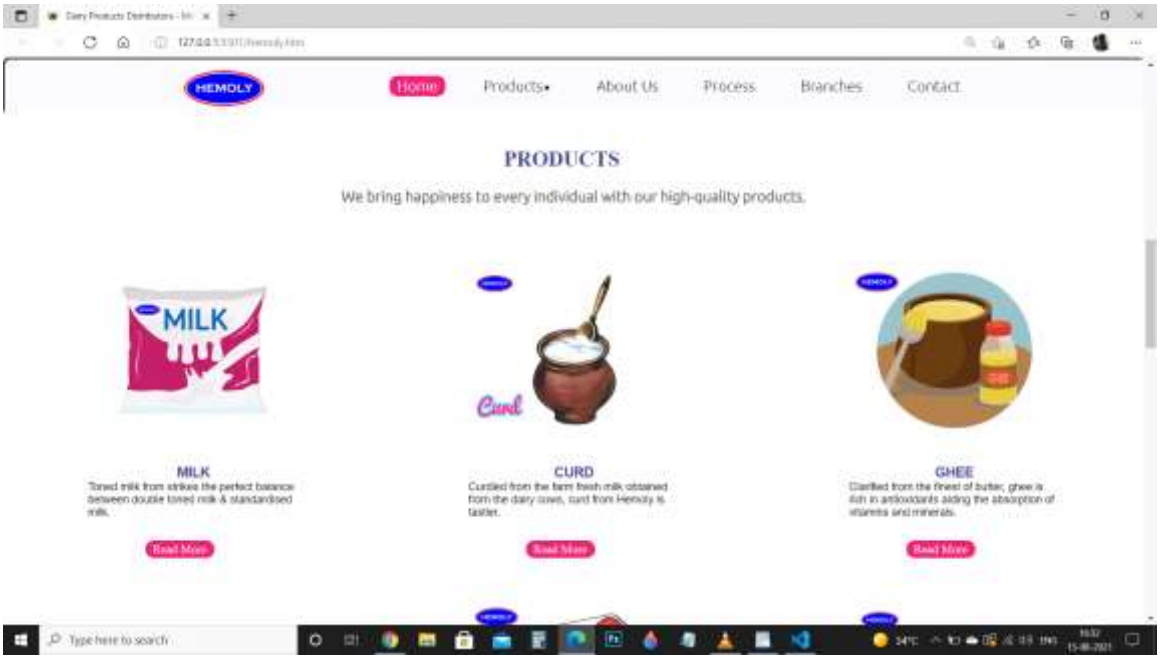


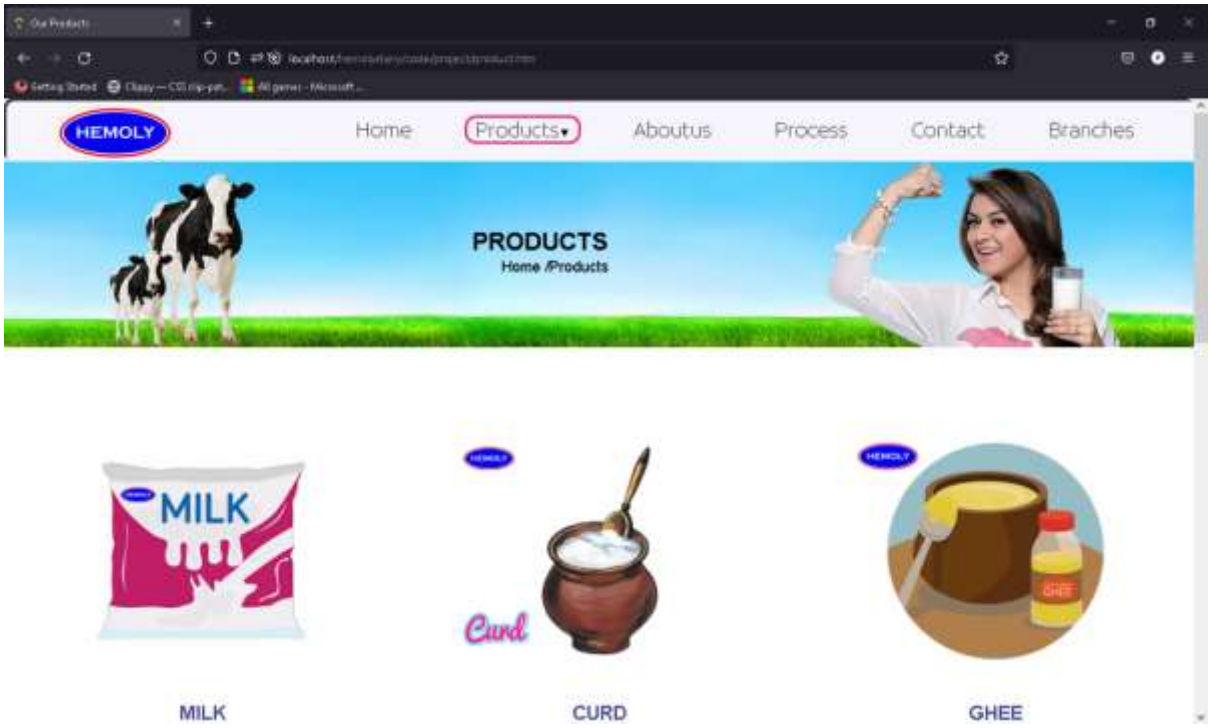
- **ABOUT US PAGE**

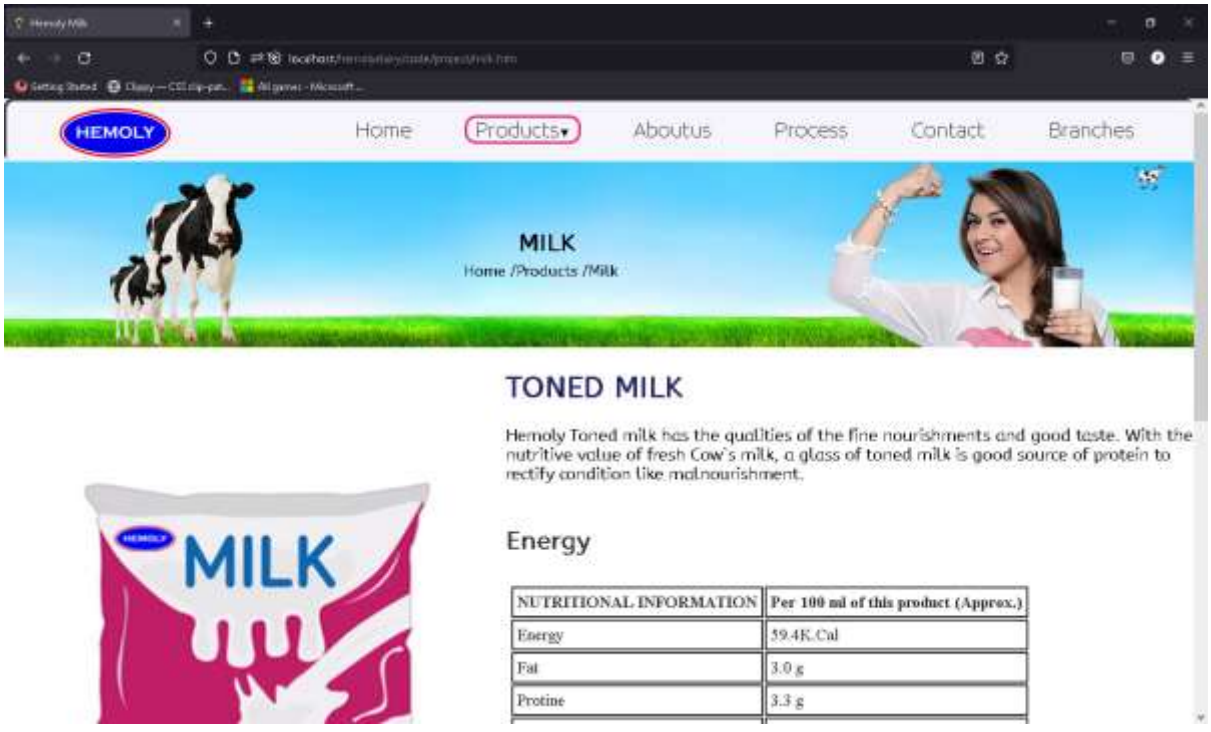




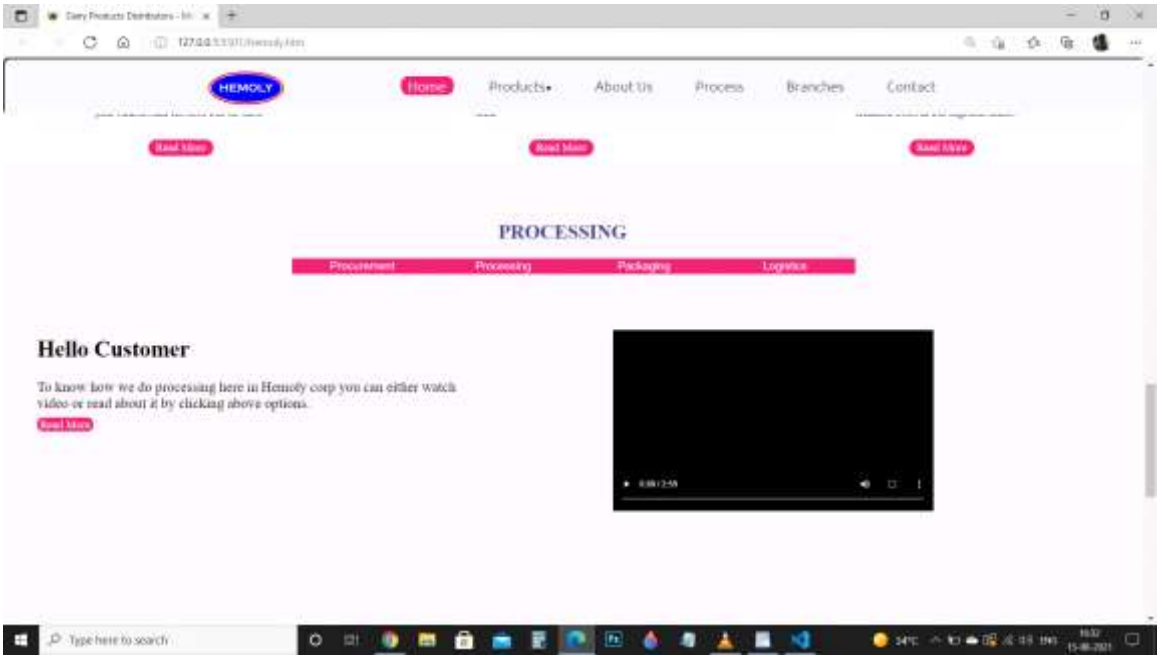
- **PRODUCT PAGE**







- **PROCESSING PAGE**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Branches
Contact
Read More
Read More
Read More
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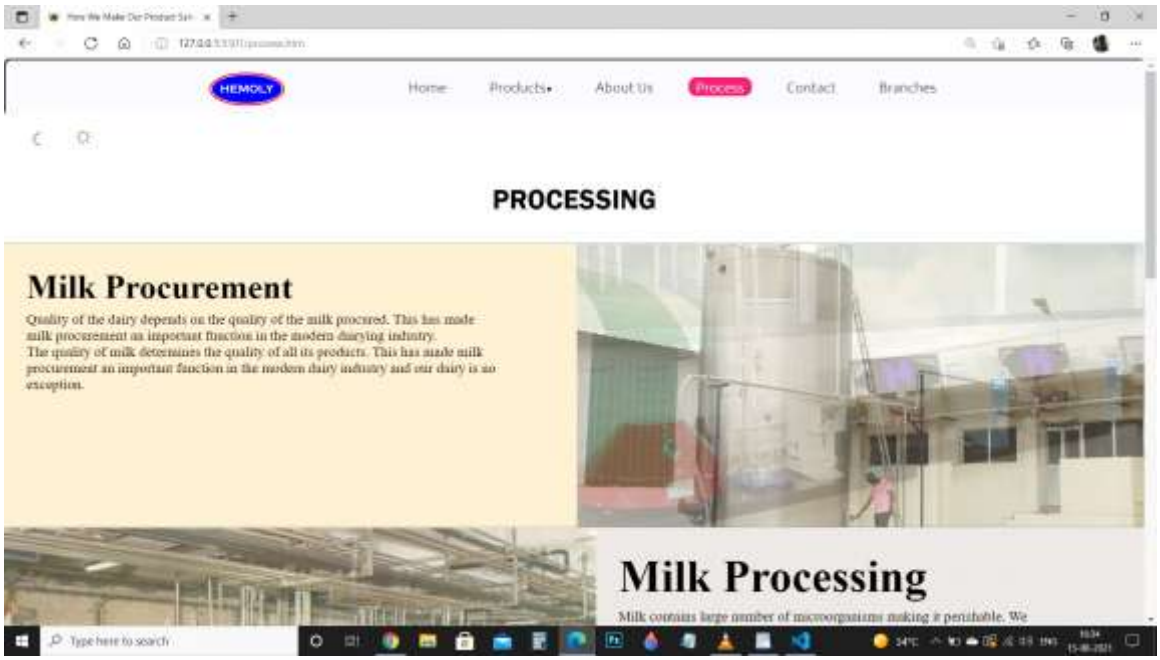
Procurement
Processing
Packaging
Logistics
Hello Customer
To know how we do processing here in Hemoly corp you can either watch video or read about it by clicking above options.
Read More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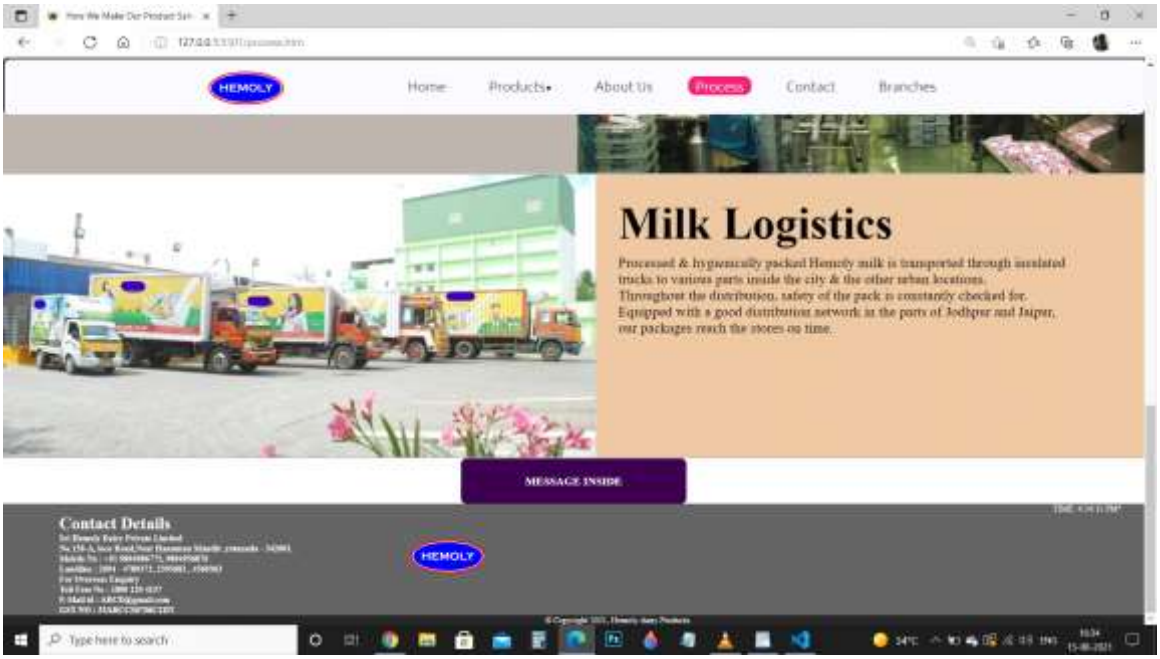
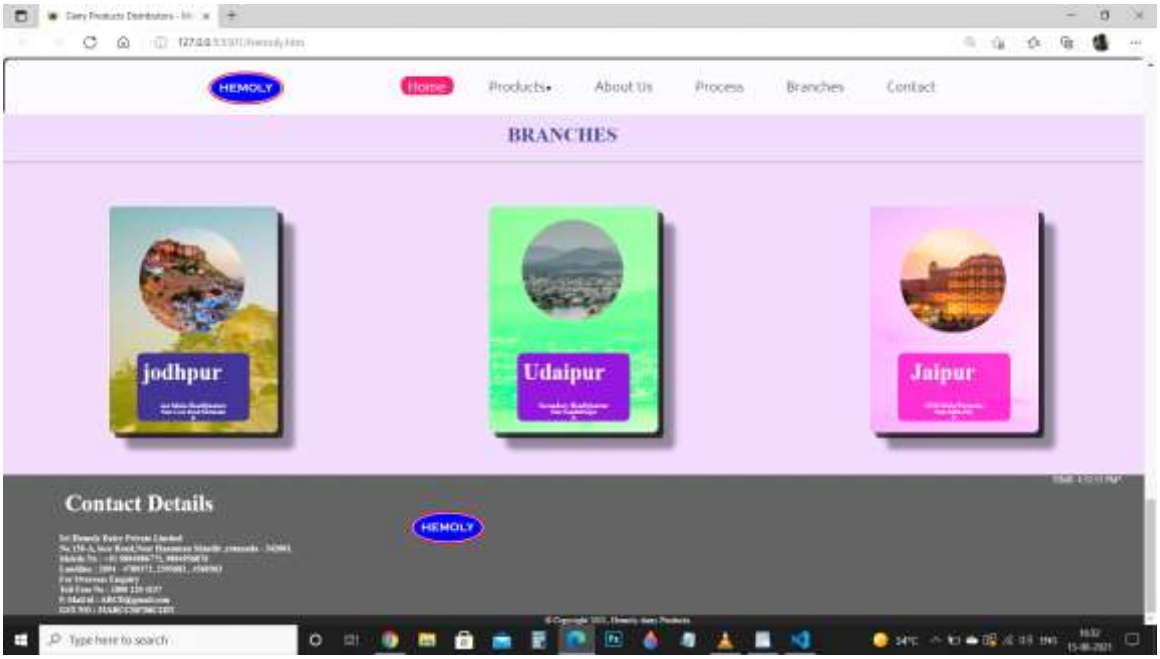
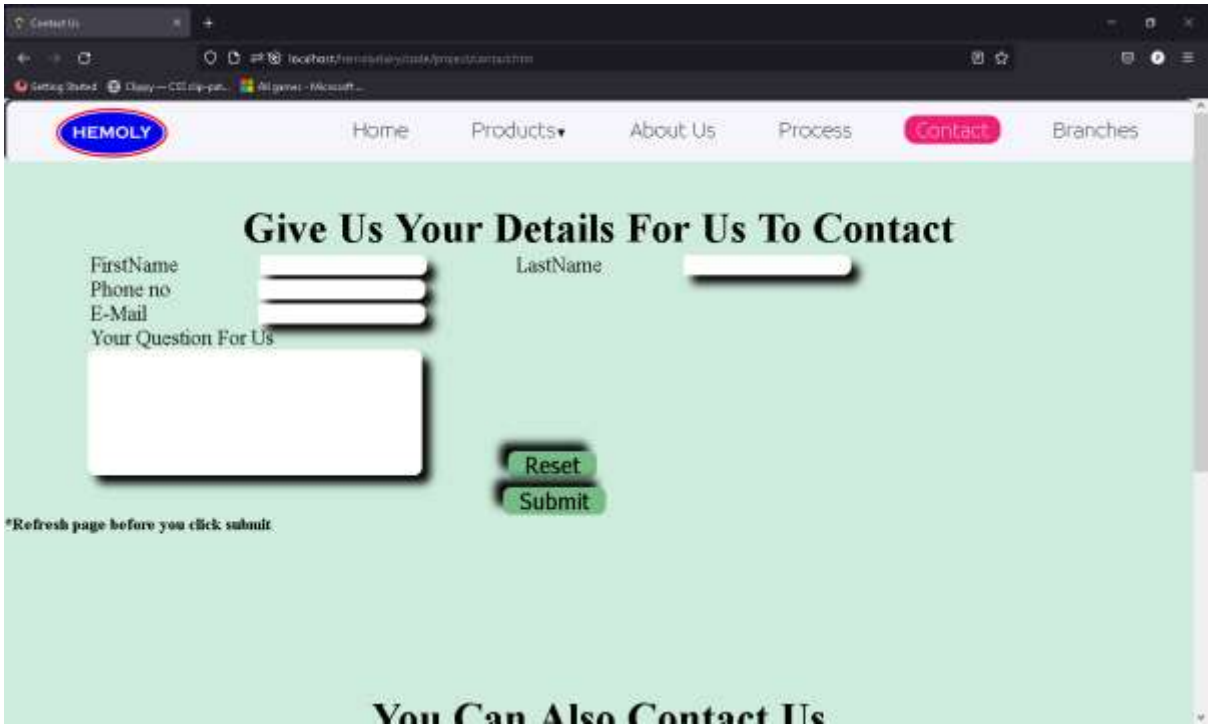
PROCESSING
Milk Procurement
Quality of the dairy depends on the quality of the milk procured. This has made milk procurement an important function in the modern dairying industry.
The quality of milk determines the quality of all its products. This has made milk procurement an important function in the modern dairy industry and our dairy is no exception.
Milk Processing
Milk contains large number of microorganisms making it perishable. We



- **BRANCHES PAGE & CONTACT DETAILS PAGE**

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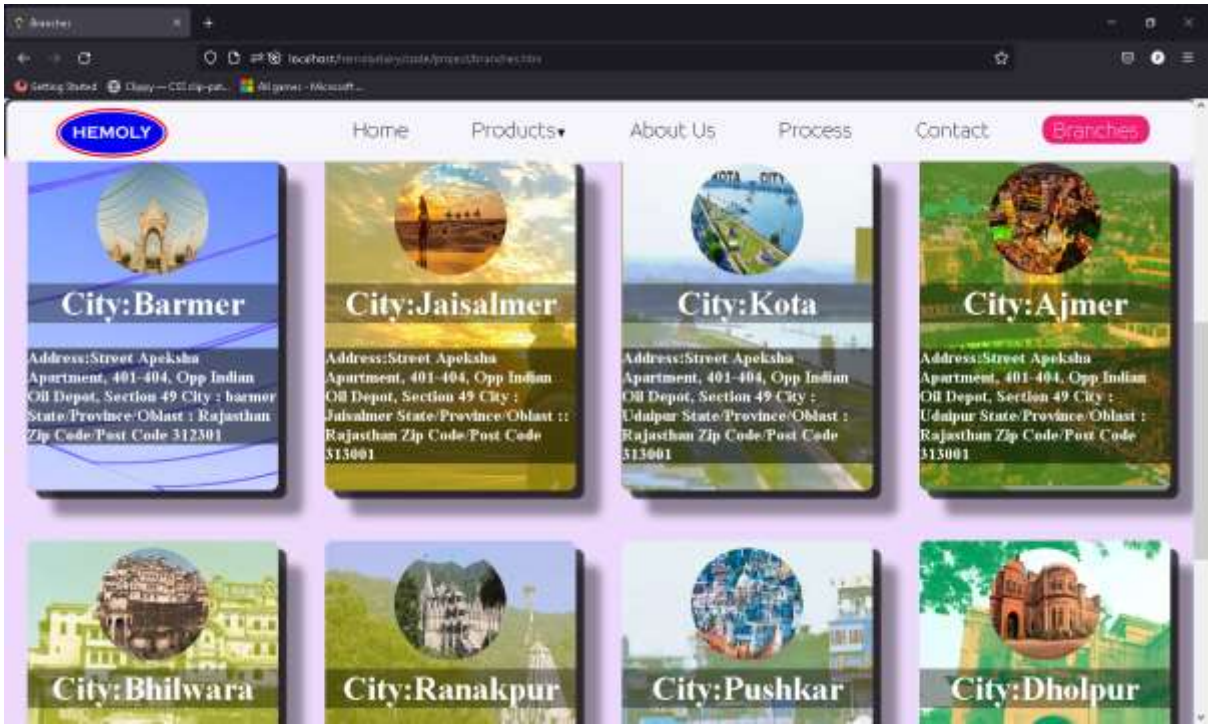
Branches
Give Us Your Details For Us To Contact
FirstName
LastName
Phone no
E-Mail
Your Question For Us
Reset
Submit
*Refresh page before you click submit
You Can Also Contact Us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City:Barmer
Address:Street Apeksha Apartment, 401-404, Opp Indian Oil Depot, Section 49 City : barmer State/Province/Oblast : Rajasthan Zip Code/Post Code 312301
City:Jaisalmer
Address:Street Apeksha Apartment, 401-404, Opp Indian Oil Depot, Section 49 City : Jaisalmer State/Province/Oblast :: Rajasthan Zip Code/Post Code 313001
City:Kota
Address:Street Apeksha Apartment, 401-404, Opp Indian Oil Depot, Section 49 City : Udaipur State/Province/Oblast : Rajasthan Zip Code/Post Code 313001
City:Ajmer
Address:Street Apeksha Apartment, 401-404, Opp Indian Oil Depot, Section 49 City : Udaipur State/Province/Oblast : Rajasthan Zip Code/Post Code 313001
City:Bhilwara
City:Ranakpur
City:Pushkar
City:Dholpur

10. Future Enhancements

- In future we will try to add bakery products.
- It will also deal with pay later process.
- Will add features of prime users and non-prime users.
- Feedbacks of users based on milk, ghee and all products .
- Suggestions forum for users to provide valuable suggestions.
- Hosting the platform on online servers for global audience.

11. Conclusion

The system design project is aimed to help the students in selecting career option(s). The system is planned to check the different replies by the user and apply an algorithm for the purpose of selecting a proper choice as career.

With the help of carefully selected questions and a strong evaluation algorithm, the system should be able to guide students towards the best path possible and help her create a great career and future.

12. References

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➢ MySQL codebook by O'Relly

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