

PROJECT AFFINITY

Online Retail Management



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Project Scope

Affinity is designed to reduce the time waiting in a long queue of malls, more, and Reliance stores. Here we provide solutions for customers to buy products and they can drive to the stores, they can take away their products without waiting in long queues. By saving time and money for delivery charges. Our users can buy the products at the stores near their location. The shopkeepers pack their products based on the order number. The users can just take away the orders by paying bills.

Here there is no requirement for middlemen. The large producers can get bulk orders from customers. The small shops can reach more customers with our app and our advertising.





Project Goals

" The Project have been done in three phases. We have put a target for each and every phase and we have successfully completed our targets of each phase."



Frontend: customer Interfernece

Landing Pages, Customer Interference, Login & Sign up, Products Display pages, Data Collection



Owner Interference and Backend

Owner Interference pages, Admin pages, Billing pages, Connecting servers, connection to database



Full Website

Database and Frontend Html pages communication, data receiving and showing databases

Project Brief Description:

In our project the customers can shop the products he/she needs, it may include grocery like vegetables, fruits, leaves and stationary like books, pencils and all the products. What they need to do is to place orders in the shop directly through our app. So here we provide the shops that are near to the customers location. So that they can go to the physical location of the shop and just pick up the orders they placed. The customer can pick up as many locations as he can and the shops will be near to customers. So that he can get all his products without missing anything.

With our app, customers don't need to travel far places to get the products or wait in long queues for checking out and don't require to roam all the floors for shopping as you do in super markets.

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stored on an RDBMS at the server side (store). The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction.

Other users are shop owners, here they can add their shop into our website. So the shops can be viewed by the customers. Here On our website they can put new products into their shop and receive packing orders from the customers. They can advertise their shops and products on our app. They can provide offers to the customers directly.

Here there is no requirement for middlemen. The large producers can get bulk orders from customers. The small shops can reach more customers with our app and our advertising.

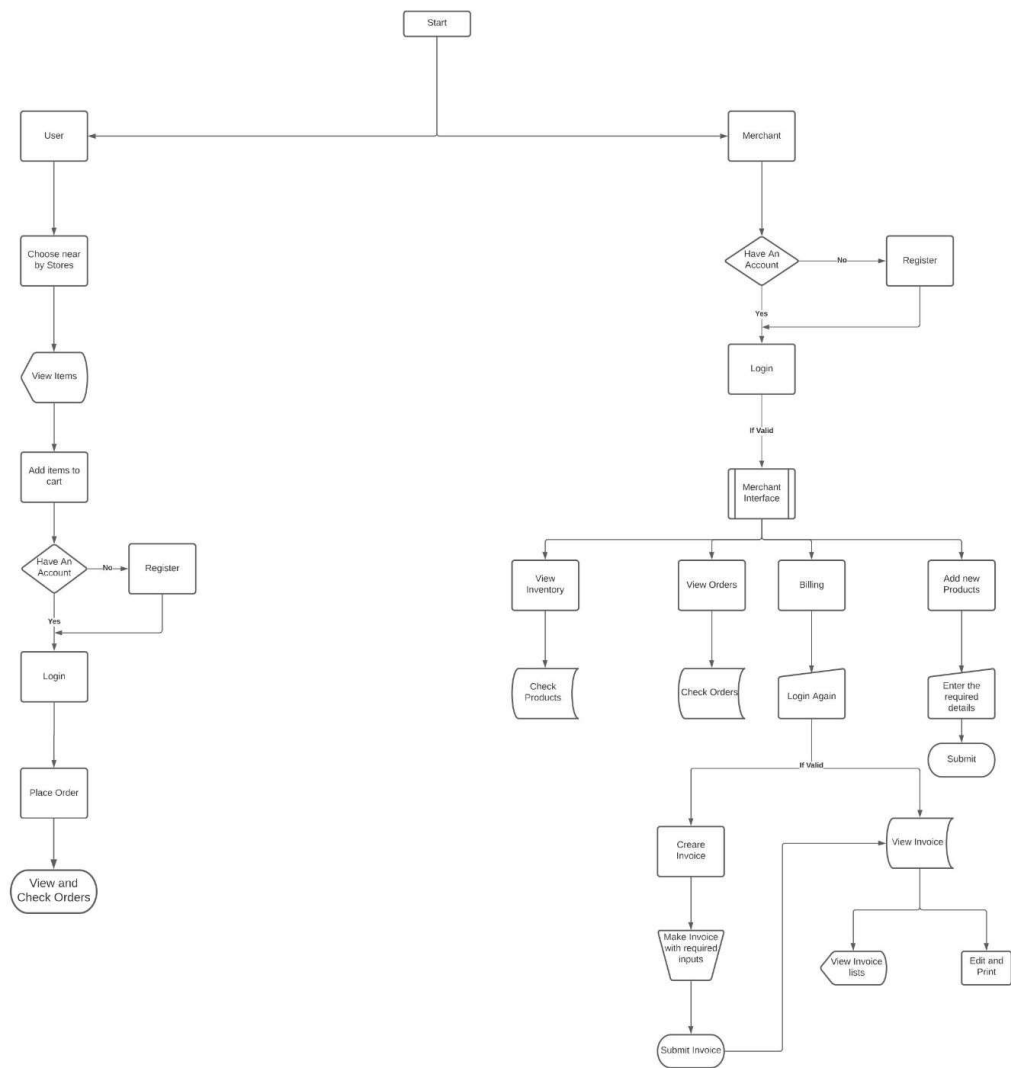
Functional Specifications:

Our app includes a landing page for customers which displays the shops, which are nearest to the location of customers. They can choose the location by entering the pincode and granting location access permissions. Here they can choose the shops near to them, so that they can travel to the physical location of the store. And by clicking on the shop, they can choose the products they need to check out in the shop. And the products he adds will be added into the cart, he can see products adding into the cart. Then he needs to place an order to the shop. If he is not logged in, he can login. If he doesn't have an account in our app he can register by providing necessary details.

In our page there is a separate dashboard for the Admin where he can get access to the dashboard by registering, or if he is already registered he can login. Now he gets a dashboard where the admin can see his/her inventory, receive orders for the shop, Billing, Add Products. When customers place an order, admin receives all the orders placed by customers in the orders box in admin's dashboard. He can bill the products in billing. He can put the new products into the shop, so that customers can see them.

Here Static pages are login page for customers and admin, and about page, Dynamic pages are Products page, showing shops to customers page, orders page, checkout page

Flow chart



Work Flow

1

2

3

4

5

6

▲

Project Affinity

Team Affinity

Project Start: Sun, 5/2/2021

TASK	ASSIGNED TO	PROGRESS	START	END
Home page and relatec	sravan , Srikar	100%	5/2/21	11/2/21
Login pages	Ajay , Somashekar	100%	7/2/21	12/2/21
Management Pages	N bharath, manikanta, k bharath	100%	7/2/21	16/2/21
Bill Pages	Rishikesh, Ajay	100%	9/2/21	15/2/21
Phase-2 : Backend scripts				
Login checkup	ajay, somashekar	100%	25/2/21	5/3/21
Data Collection	K bharath, Manikanta	100%	28/2/21	12/3/21
add,delete and update	Rishikesh	100%	26/2/21	16/2/21
Inventory management	N bharath, soma shekar,Rishikesh	100%	26/2/21	15/2/21
Phase -3 : Connections,Debugging and testing				
Cart features	somashekar	100%	25/3/21	16/4/21
Biling management	Rishikesh.Ajay	85%	5/4/21	17/4/21
Connecting and debug	Rishikesh, Ajay, somashekar	80%	1/4/21	21/4/21
Testing	Somashekar, Rishikesh	90%	22/4/21	25/4/21
Paper work and relatec	Koushik			

"While we debugging the update and delete of inventory doesn't worked, so we just removed it"



Technical Aspects

Technologies used in the project are given below:

Frontend



HTML



CSS



Javascript

Frontend Framework



Bootstrap

IDE & Editor:



VSCode, VC editor, Atom

Backend scripting language



PHP

Virtual testing server



wamp server

DataBase:



MySQL, PHPMyadmin

Conclusion

This Project Affinity is designed in such a way that it can be reached to small businesses. Reducing the time and cost in delivery to bring a product to a customer is optimized. and it has the best features of knowing his/her shop payments and transactions.



Prototypes

Complete Prototypes for Categories.



Stripe

Complete Stripe Integration



Coding

Finish Coding Categories and Payments Page



We look forward to maintaining the same amount of consistency throughout the whole project.

