H.A.D.E.S (E-Commerce)

Health & Daily Essentials Shopping

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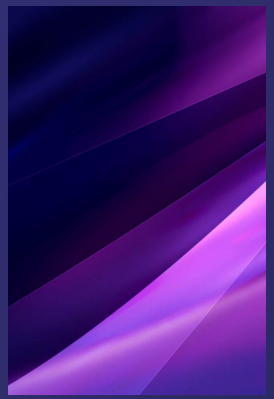
TEAM OVERVIEW

OUR TEAM



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“Data is the most valuable asset in the world”

—BRITTANY KAISER

02 ABSTRACT & PROBLEM STATEMENT


Shopping online, staying at home. These two sentences goes well with each other.

PROBLEM

Extended delivery periods for getting groceries and fresh items delivered.

SOLUTION

Have a decentralized warehouse-free essential service, with faster deliveries.

DRAWBACKS OF THE CURRENT SYSTEM

TIME

The current system takes at least a day to get the products delivered.

AVAILABILITY

The stocks are warehouse limited.

STORAGE COSTS

Storing them in a rented warehouse increases maintenance cost

STORAGE AREA

Waste of space for bulking items.

DOMINANCE

Less competitors for the giant industry. Support locals.

VENDOR REACH

Getting recognition from local vendors.

OUR SOLUTION

FASTER

Lightning fast response time and reduced waiting times.

PROFITABLE

Helpful for the local businesses, gains attraction.

NEW

New idea that isn't implemented widely yet.

OPERATIONS

CLIENT

Orders necessary grocery items on the application.

DELIVERY

Finds the nearest delivery executive and fetches them the goods for the client.

LOCATION

Application, searches for the nearest registered grocery shop.

STOCKS

If the ingredients are present in the shop's database, then an order is placed.

THEM

Use a warehouse, slow and far shipping times, takes a day, additional costs for warehouse, separate delivery timing slots, high maintenance cost, high rate of failure in the chain,

US

Orders from the local shops near the user, no warehouse or whatsoever, fixed and low delivery charge since shop is near client, low maintenance cost, low failure rate.

TIME AND COST SAVED

40%

LABOUR

Warehouse maintenance, operations etc.

60%

PACKAGING

Long distance endurance packaging.

80%

TIME

Shipping time, transit times etc.

75%

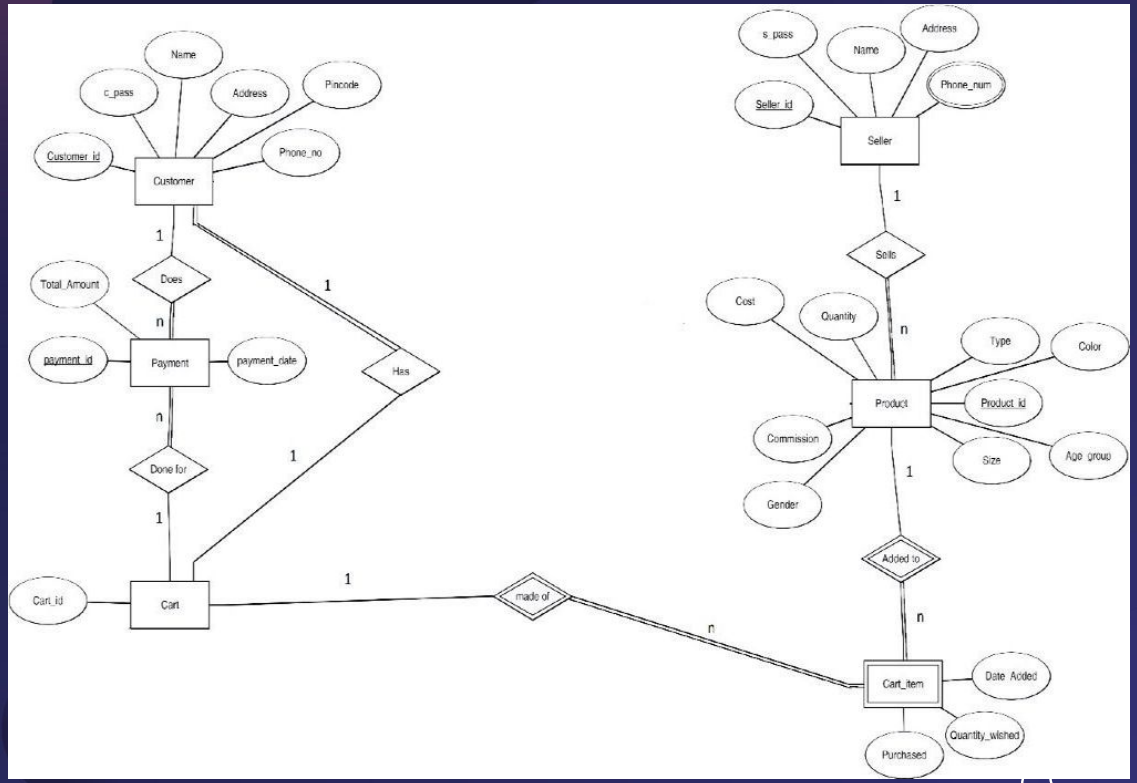
STORAGE

Warehouse space, renting costs etc.

03

ENTITY-RELATIONSHIP DIAGRAM

ENTITY RELATIONSHIP DIAGRAM

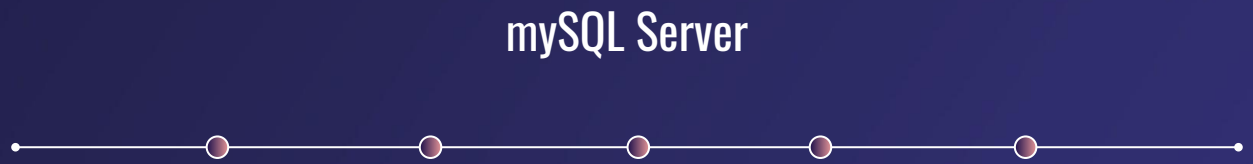


H.A.D.E.S

04

DATABASE PLAN

DATABASE FRAMEWORK



LOCATION

Client, Shop, Delivery Associate

ORDER

Items required by the client, price.

STOCKS

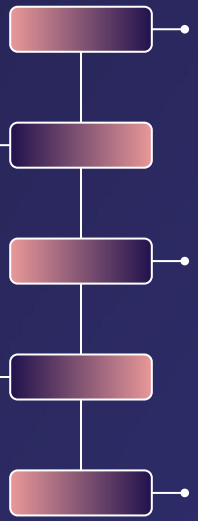
Check if the ordered items are present or not.

NAME & DISTANCE

Shop distance, Client distance and names.

TOOLS USED 05

Softwares Used



VISUAL STUDIO CODE

Apache Web Server

mySQL Workbench

Bootstrap Framework

Various Languages

JavaScript, HTML, SASS, PHP, SQL

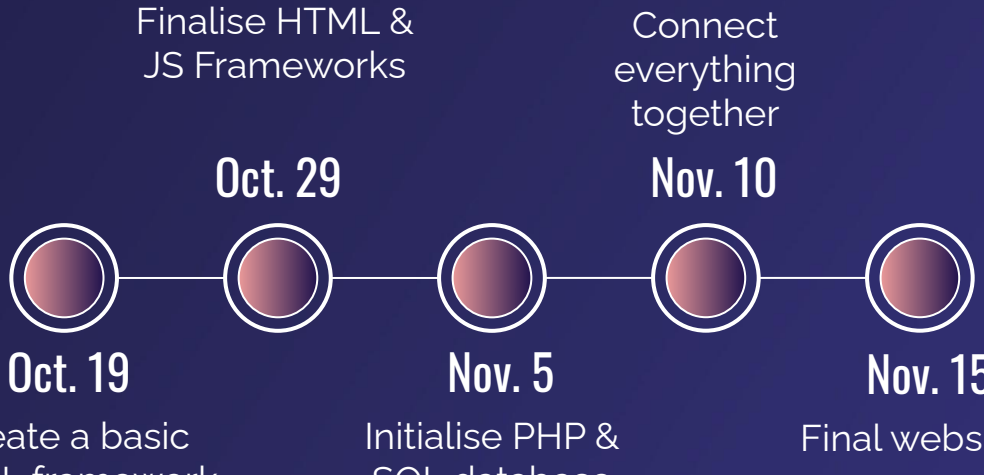
Accessibility

This would be accessible on all mobile devices through a browser.

EXPECTED OUTCOMES

06

OUR PROCESS


Oct. 19
Create a basic HTML framework
Oct. 29
Finalise HTML & JS Frameworks
Nov. 5
Initialise PHP & SQL database
Nov. 10
Connect everything together
Nov. 15
Final website.

THANKS!