GLA UNIVERSITY

Project Synopsis:

Little Basket

Mini Project-II

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DECLARATION

I hereby declare that the work which is being presented in the Mini Project **"Little Basket",** in partial fulfillment of the requirements for Mini project Lab is an authentic record of my own work carried under the supervision of **Mr. Akash Choudhary, Technical Trainer.**

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ACKNOWLEDGEMENT

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We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

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INTRODUCTION

In day to day life, we will need to buy lots of goods or products from a shop. It may be food items, house hold items etc. Now days, it is really hard to get some time to go out and get them by ourselves due to busy life style or lots of works. In order to solve this, Little Basket websites has been started. Using these websites, we can buy goods or products online just by visiting the website and ordering the item and making payments online. This existing system of buying goods has several disadvantages.

It requires lots of time to travel to the particular shop to buy the goods. Since everyone is leading busy life now days, time means a lot to everyone. Also there are expenses for travelling from house to shop. More over the shop from where we would like to buy something may not be open 24*7. Hence we have to adjust our time with the shopkeeper's time or vendor's time.

In order to overcome these, we have Little Basket solution that is one place where we can get all required goods/products online. The proposed system helps in building a website to buy, sell products or goods online using internet connection. Purchasing of goods online, user can choose different products based on categories, online payments, delivery services and hence covering the disadvantages of the existing system and making the buying easier and helping the vendors to reach wider market.

System Requirements: -

Supported Operating system: -

1.Windows 7 and above

Software Required: -

1.VS Code

2.Xamp Server

3.Windows Browser

Hardware Requirements: -

1. **Intel i5 6th Gen (1.8 GHz minimum)**.
2. **4 GB** of RAM.
3. **2GB GPU**
4. 5000x Hard Disk
5. Internet connection

Frontend and Backend

Front end

Html

HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.

Hyper Text: Hyper Text simply means "Text within Text." A text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. HyperText is a way to link two or more web pages (HTML documents) with each other.

Markup language: A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.

CSS

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

Backend

Back End of the project lies on Sql Lite. SQLite is an open source SQL database that stores data to a text file on a device. Android comes in with built in SQLite database implementation.
SQLite supports all the relational database features. In order to access this database, you don't need to establish any kind of connections for it like JDBC, ODBC etc.
The main package is android database sqlite that contains the classes to manage your own databases.

PHP

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

Idea : -

The **purpose of online shopping** is to save time and money. Through online shopping one can buy product at any time.

Objective: -

Customers can purchase items from the comfort of their own homes or workplace. Shopping is made easier and convenient for the customer through the internet. It is also easy to cancel the transactions. Saves time and efforts.

Module Description:-

1.ADMIN

I. **Admin Login:** Admin will login.

II. **Add New Products:** Admin will add new products into the inventory.

III. **Update:** Admin can change product description and it's prices.

IV. **Remove:** Admin can remove products from the inventory.

2.User

I. **Registration:** Here user will register himself providing his some personal details.

II. **Login:** Once registered, user must Login to the website and will be taken to the homepage.

III. **Add Product To Wishlist:** User will add desired product to the wishlist.

IV. **Buy product**

3. Cart Page

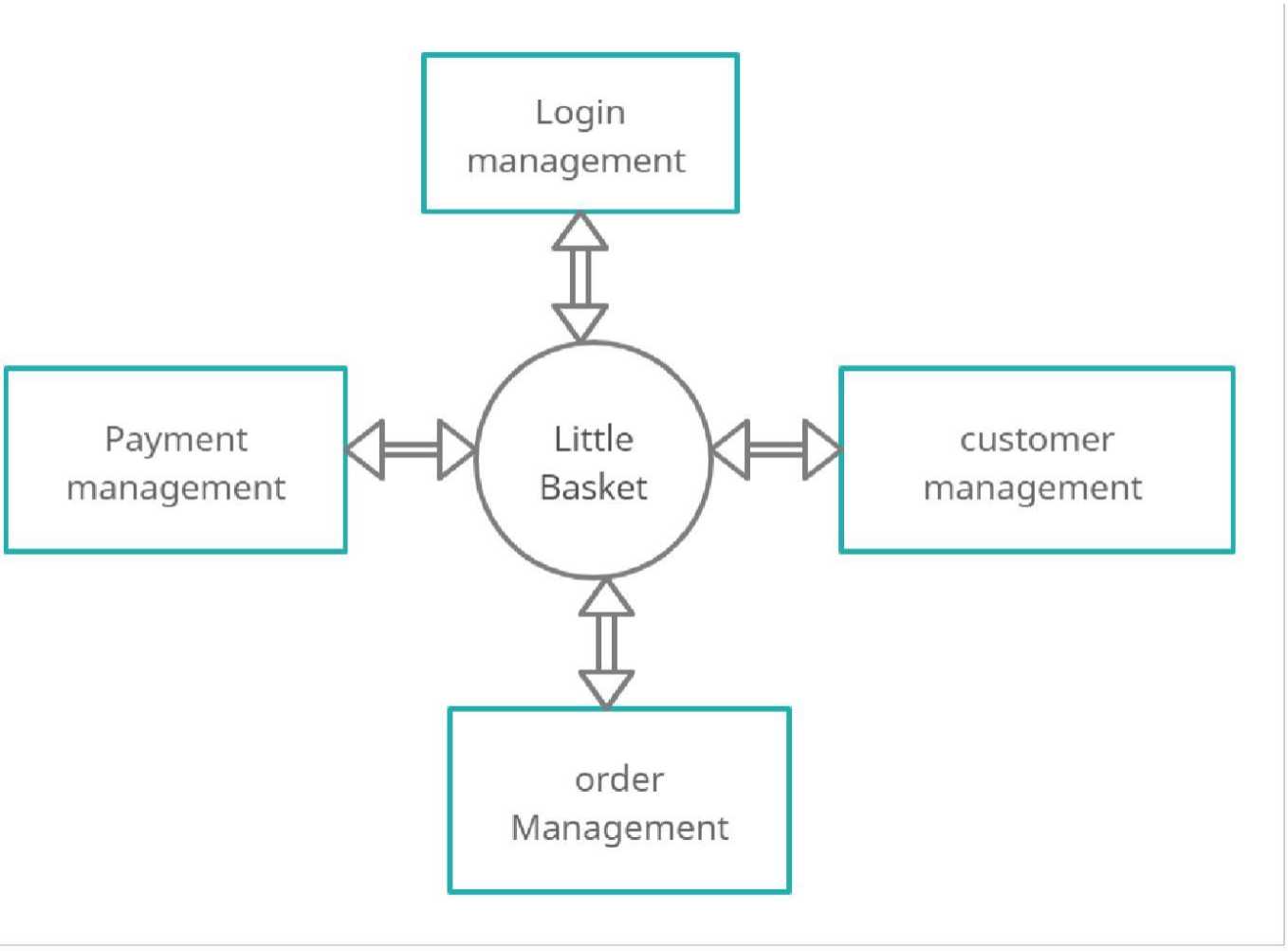
This page will contain the list of all the products that you have added to your cart and checkout option. This page will also contain header and footer and will be same as in the main page.

Scope: -

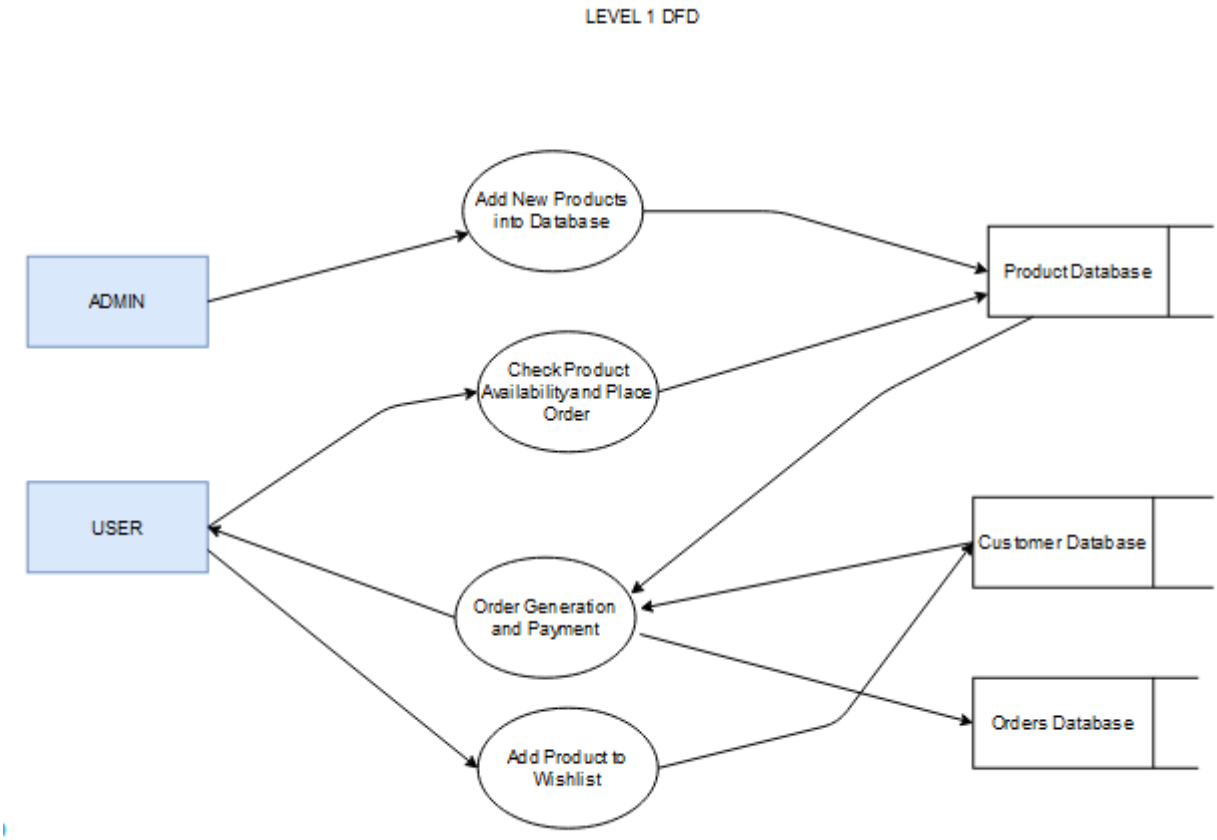
The scope of project is quite wide. As whenever a user finds any difficulty in calculating any calculation manually, he can easily use this application.

DFD: - A data flow diagram (DFD) illustrates how data is processed by a system in terms of inputs and outputs. As its name indicates its focus is on the flow of information, where data comes from, where it goes and how it gets stored.

0 Level DFD: -DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience,
including stakeholders, business analysts, data analysts and developers.



Level 1 DFD: -DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. You will highlight the main functions carried out by the system, as you break down the high-level process of the Context Diagram into its sub processes.



AVAILABILITY: -

This WEB APPLICATION works for all OPERATING SYSTEM.
It provides various features which is not present in other WEBSITE.