GLA UNIVERSITY MATHURA (U.P)

Project Synopsis: **Little Basket**

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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 a 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 a 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: -

Windows   10

Windows   8

Windows   7

Software Required: -

Visual Studio code

XAMPP Server

Web Browser.

Hardware Requirements: -

For Android Studio and Intelli j: -

Intel i3 6th Gen (1.8 GHz minimum).
4 GB of RAM.
2GB GPU
5000x Hard Disk
Internet Connection

For Eclipse: -

Intel Pentium dual Core (3.2 GHz) **2**
GB of RAM
5000x hard disk
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: HyperText 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

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.
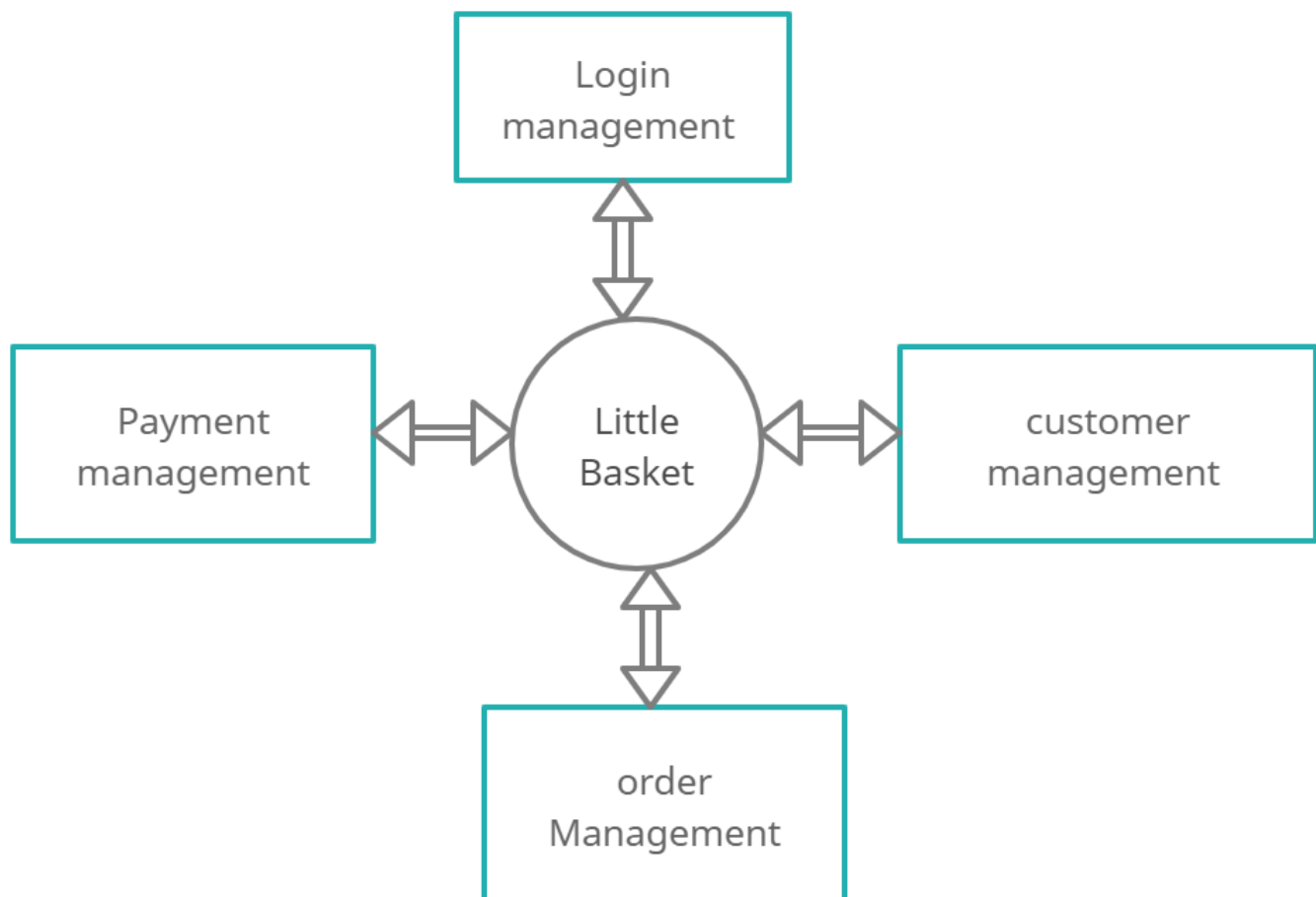
AVAILABILITY: -

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