# GLA University

## Mathura, Uttar Pradesh, India

# Instant Shop (Mini Project)

# Synopsis

**Submitted To: -**

**Mr. Anand**

**Group Members: -**

**Tarun**

**Naman Gupta**

**Nitin Pratap Singh**

**Devesh Yadav**

**Amber Srivastava**

# Table Of Content

# Project Title

# __Introduction__

The Instant shop is a web-based (website) project, which provides solution to the people who wants to sell or buy used products.
This website is being developed for sellers who wants to sell their used products at good price and the buyer who wants a good second hand product in their budget.

The traditional pattern for buying/selling used product can become a very complex task and time consuming and totally dependent on manual searching technique. After keep in mind all these problems. We make our site that can solve all those problems of such customers easily in an elegant & efficient manner.

To sell or buy a product is very simple in our site.

Our site provides interfaces for such people.
At seller side, web-based forms are designed to upload product data and to store it in the database.
At another side the buyer can search for products of his choice and can filter the most appropriate one.
So, between the seller and the buyer our site works as a mediator.

# Objectives of Project

a) Provides an interactive interface with the help of   Html,  CSS, JavaScript and Bootstrap behaves in a  sufficient  manner  that  is easy to use and      understand.

b) All the information regarding products and users    should    be applied online.

c) Provide an advanced feature for product   management.

d) Provide a secured environment for accessing   database wherever necessary.

e) Provide a module to update the product    information.

f) To store details of the buyers and sellers.

# Modules

**a. Authentication Module:**

This module is one of the important modules of this project. This module provides an interface where users can put there user name and password and by login in he can view all the necessary details. This module also checks the user who wants to log in to the site is a valid user or not.

**b. Registration module:**

When a user first visits the site then the first step is registration. By this module, users fill appropriate information for registration. By registration, user can register himself for the full access of the site.

**c. Product description module:**

This module works as a complete information module. This module has complete information about product with their product code, product date and location and contact details etc for that particular product. The product description interface represents all the information in a proper manner.

**d. Product upload module:**

This module works as an application form for seller, who wants to sell a product. User can fill appropriate field with the appropriate value then apply to upload a new product.

**e. Product category information Module:**

This module represents the various categories of products user can choose of his choice and can view complete information.

**f. Product search module:**

This module is used to search the appropriate product for user according to user search.

**g. Mail Management Module:**

Mail Management is also the important module of this project. By using mail management administrator can send various mails to the user of the site regarding update information, verification etc.

**h. Product Update module:**

The user can use this module to update details of the products which user uploaded.

**i. Product Delete module:**

This module deletes the product from the site and all information is also deleted.

**j. Logout module.**

This module logouts the logged-in user.

**k. User profile update module:**

This module updates the information of user.
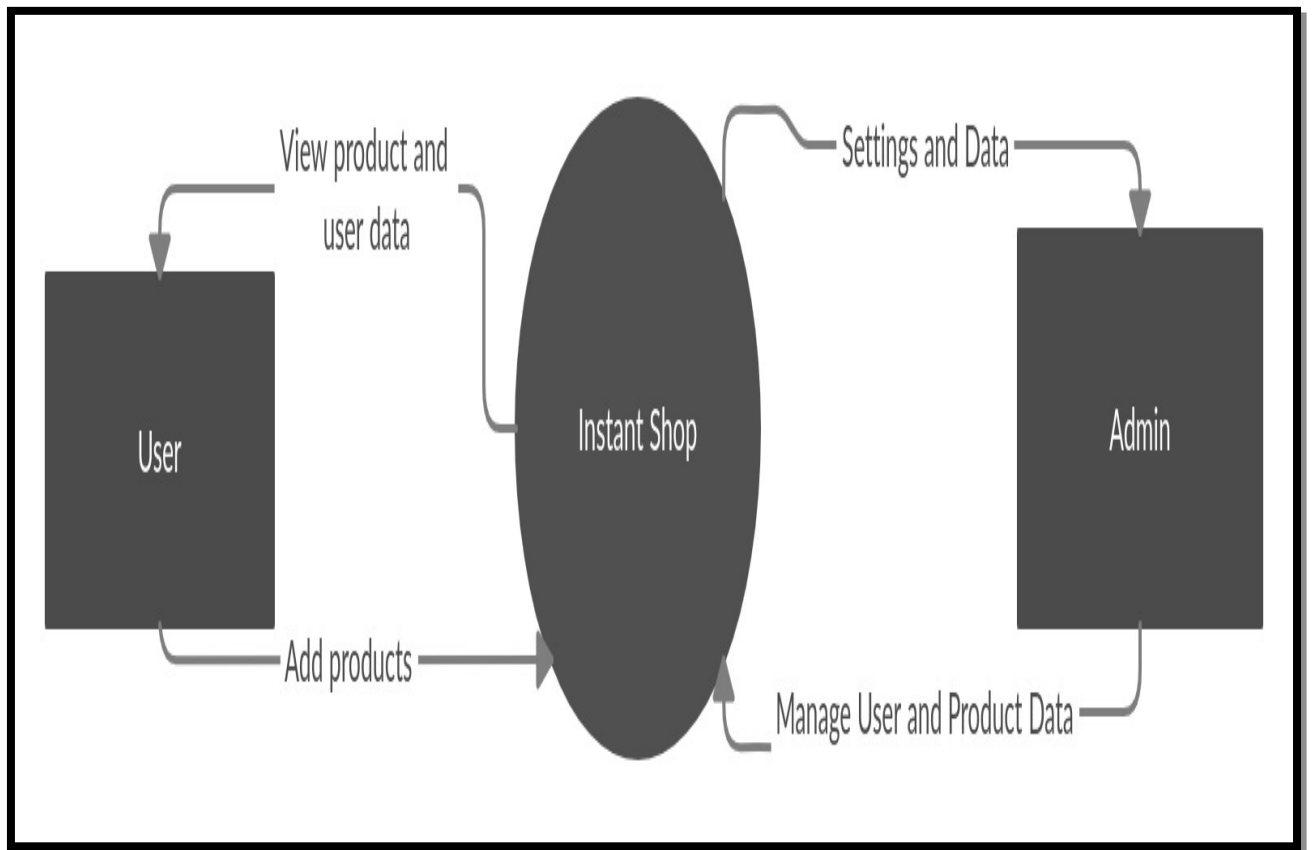
**l. Password Recovery module:**

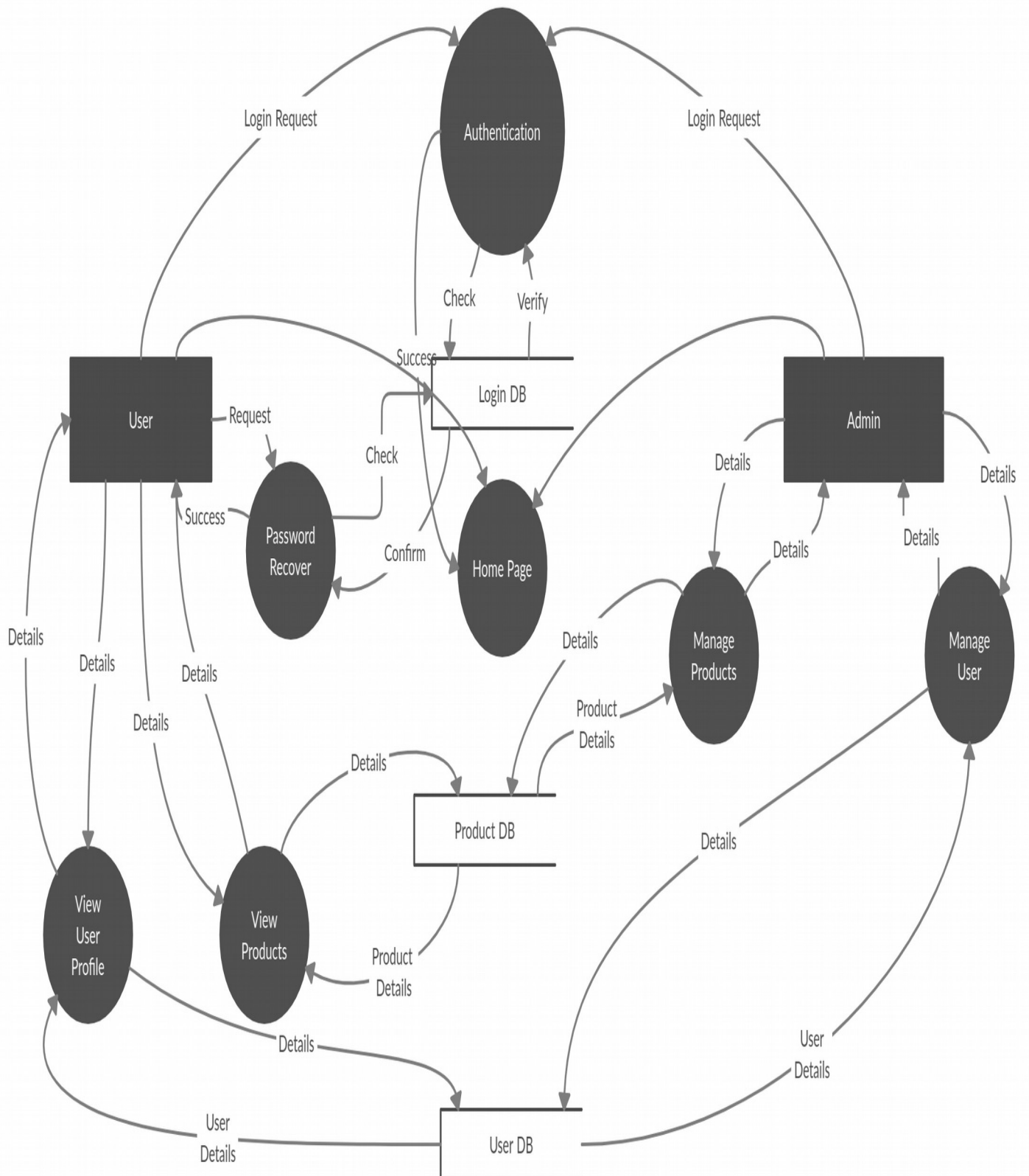This module recovers the password of the user.

**m. Chat module:**

This module provides the chat functionality to the user to contact other users.

# DFD

## Level 0:

# Level 1:

# <u>Features</u>

1. Online store for selling and purchasing second hand products.

2. Open and free to use for everyone.

3. Mail Verification using e-mail link.

4. Password Recovery Feature using e-mail link.

5. User to user chat application.

6. Easy to use.

7. Available at every place on each device.

8. Can update profile and product data easily.

# **Technology**

## 1. HTML5

HTML5 is a mark up language used for structuring and presenting content on the World Wide Web. It is the fifth and latest major version of HTML that is a World Wide Web Consortium recommendation.

## 2. CSS3

Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a mark up language.

## 3. JavaScript

JavaScript often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it for client-side page behavior, and all major web browsers have a dedicated JavaScript engine to execute it.

# 4. Django

Django is python framework used to design web-backend servers. It is a free and open-source web framework that follows the model-view-controller architectural pattern.

# 5. PostgreSQL

PostgreSQL is a powerful, open source object-relational database system that uses and extends the SQL language combined with many features that safely store and scale the most complicated data workloads. PostgreSQL has earned a strong reputation for its proven architecture, reliability, data integrity, robust feature set, extensibility, and the dedication of the open source community behind the software to consistently deliver performant and innovative solutions.

# <u>Conclusion</u>

This project will solve the problem of selling and purchasing second hand products.

It will also save a lot of time of users and will give a perfect choice to them to sell/purchase second hand products.

The chat feature in the project will help users to talk to other user which will help in managing the sales.

At the end, this project is going to solve a big problem of users and will help them to find a perfect deal.