

D. Y. PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY
KASABA BAWADA, KOLHAPUR.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A

Synopsis on

“Swayamsiddha App”

Submitted by :

Sr No	Name	Roll No
1.	Roshani Magdum.	37
2.	Saloni Magdum.	38
3.	Geetanjali Agalve	39
4.	Aishwarya Patil.	40
5.	Shweta Bamane.	41

Under the guidance of

Prof. B. D. Jitkar

Group number: **G8**

Class: **B. Tech**

Division: **A**

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SWAYAMSIDDHA APP

1. INTRODUCTION:

The Swayamsiddha app is an android application which is going to help one of the famous trust located in Kolhapur known as Swayamsiddha. Swayamsiddha works for women empowerment by providing them platform to sell their homemade products. This app is going to solve the problems of customer's, as they don't have to visit the trust to order any product, they can place the order using Swayamsiddha App. This app is sponsored by Swayamsiddha, Kolhapur.

2. NEED OF WORK:

1. Convenience and Accessibility:

The app will provide the convenience of shopping from anywhere, anytime, and accessing a vast variety of homemade products.

2. Personal Experience:

It will provide detail product descriptions, reviews, and customer support for a satisfactory virtual shopping experience.

3. Notify customer:

The app will send notifications of different events of the trust like exhibitions, new member registration as well as their mobile-van location.

4. Festive/Seasonal Products :

The app will provide special section to display such products.

5. Authenticity and Trust:

Shopping through this app will rely on product descriptions, photos, and reviews.

3. PROBLEM STATEMENT:

Creating an app with feature regarding Online Ordering which benefits customer to order different homemade products, get notified about current events, exhibitions, seasonal products and hot selling products etc., App will have Admin-side to collect all the details of each customer, product, order and at the same time it will provide analysis model of overall sales.

4. OBJECTIVES:

1. To increase customer accessibility by providing an app that allows customer to place order from any location.
2. To reduce the management cost.
3. To improve customer satisfaction.

5. PROPOSED WORK:

Designing a Swayamsiddha App involves integrating various modules and technologies to efficiently manage customer requests, improve user experience, and optimize operations.

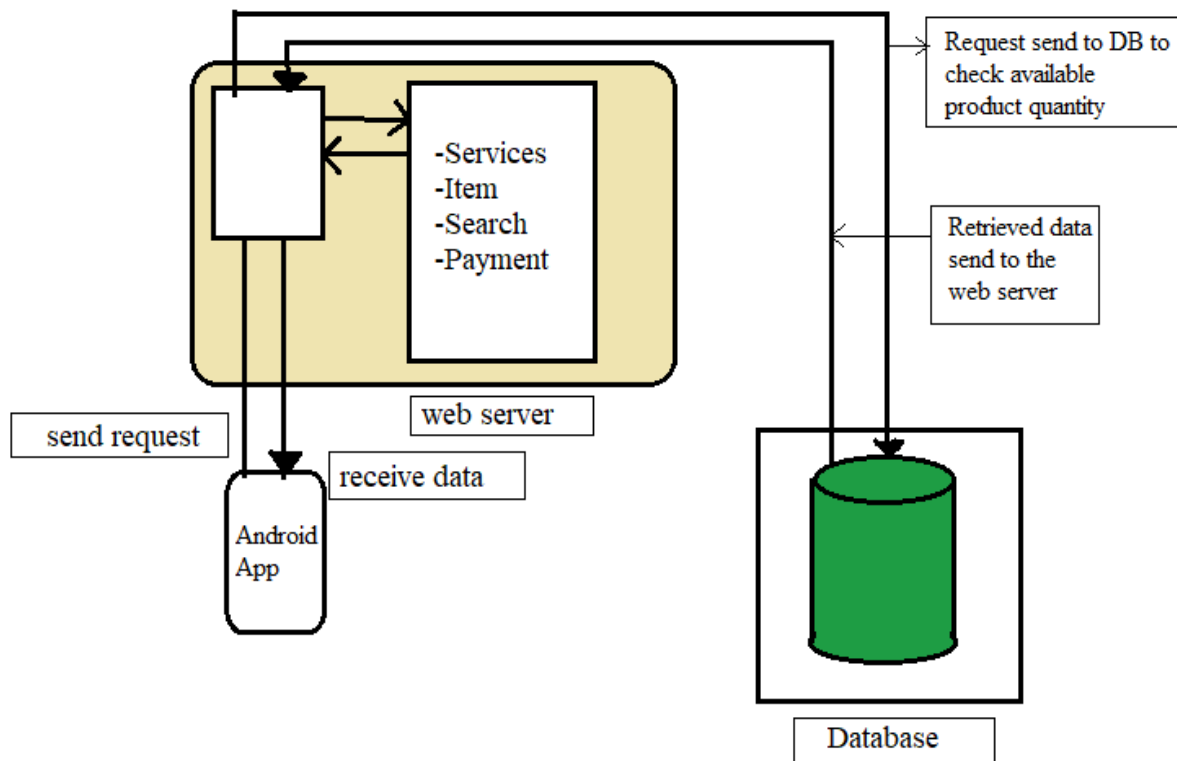


Fig. System Architecture

6. MODULES :

1. **User Authentication** : Allow users to register, log in, and manage their accounts securely.
2. **Product Catalog**: Display products with details, images, and pricing.
3. **Search and Filters** : Implement search functionality and filters to help users find products easily.
4. **Shopping Cart** : Enable users to add/remove items, adjust quantities, and calculate the total cost.
5. **Checkout and Payment** : Integrate payment gateways for secure transactions and order processing.
6. **User Profiles** : Allow users to view and edit their profiles, track orders, and manage addresses.
7. **Wishlist** : Let users save products for future purchase.
8. **Notifications** : Send push notifications for order updates, promotions, etc.
9. **Reviews and Ratings** : Allow users to rate and write reviews for products.
10. **Order History** : Provide users with a history of their past orders.
11. **Customer Support** : Offer a way for users to contact customer support.
12. **Recommendations** : Implement product recommendations based on user preferences and browsing history.
13. **Analytics and Insights** : Integrate tools to gather user behavior data for app improvement.
14. **Admin Dashboard** : Create an interface for administrators to manage products, orders, and users

7. REQUIREMENTS:

1. Hardware Requirement:

i3 Processor Based Computer or higher

Memory: 1 GB RAM

Hard Drive: 50 GB

Internet Connection

2. Software Requirement:

Front End :

Android software Development Kit

Java Development Kit

Tools :

Android Studio

8. PROJECT PLAN:

Sr. No.	Activity	Completion Month
1	Topic Selection	July 23
2	Conceptualization And Planning	August 23
3	Design And Development	Sept 23-Oct 23
4	Core Functionality & Testing	Nov 23-Dec 23
5	Launch & Post-Launch Activities	Jan 24-Feb 24
6	Develop & Test Additional Features	Mar 24- Apr 24

9. REFERENCE:

1. <https://www.ijraset.com/research-paper/paper-on-amazon-e-commerce-website-Amazon E-Commerce Website>
2. [https://www.researchgate.net/publication/330849278 Research and Analysis of the Development Approaches in E-Business Mobile Application](https://www.researchgate.net/publication/330849278_Research_and_Analysis_of_the_Development_Approaches_in_E-Business_Mobile_Application) - Research and Analysis of the Development Approaches in E-Business Mobile Application
3. [https://www.irjmets.com/uploadedfiles/paper/issue 3 march 2022/19668/final/fin irjmets1646919637.pdf](https://www.irjmets.com/uploadedfiles/paper/issue_3_march_2022/19668/final/fin_irjmets1646919637.pdf)-MPACT OF E-COMMERCE PLATFORM ON CONSUMER'S MINDSET

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41	Shweta Bamane	

Date:

Place: Kolhapur

Sign of Guide

Sign of Project Coordinator

Sign of HOD