

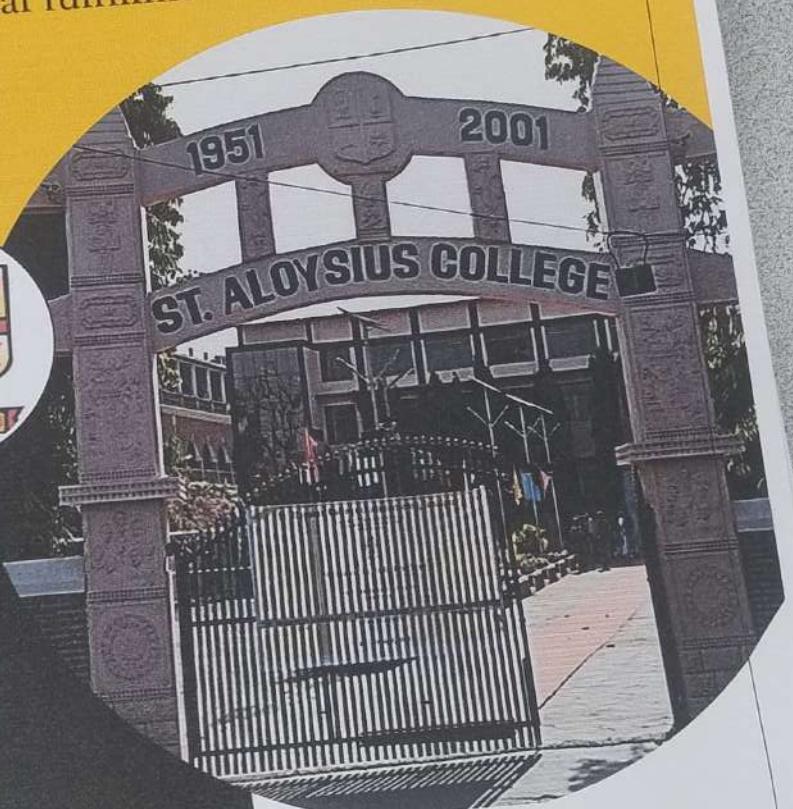
St. Aloysius' College (Autonomous)

Reaccredited 'A+' by NAAC(CGPA 3.68/4.00). College with Potential for Excellence by UGC
DST-FIST Supported & STAR College Scheme by DBT
Jabalpur, Madhya Pradesh, India

Field Project Work Report

प्रोजेक्ट (परियोजना) कार्य

For the partial fulfillment of BCA Degree



Department of
Computer Science

SESSION: 2024-2025

SESSION: 2024-2025

Field Project Work Report

**TITLE:**

All To All Mobile Website

For the partial fulfilment of the BCA Degree

Session:

2024 - 25

Name of student/ Students:

Priti Bhuniya

Class:

BCA VIth Sem

Roll No.:

51201

Name of the organisation, where the work was completed:

S.T. Aloysius College (Autonomous) Jabalpur

Name of Supervisor:

Mrs. Kajal Mahajan Mairam



St. Aloysius College (Autonomous)

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DST FIST Supported & Star College Scheme by DBT Jabalpur (M.P.) India

CONTENTS

S.No.	Details
1	Title Page
2	Performa – G-1
3	Performa – G-2
4	Performa – G-3
5	First Progress Project Report (Performa – P1)
6	Second Progress Project Report (Performa – P2)
7	Field Project Working Note Book/Diary
8	Third Progress Project Report (Performa – P3)
9	Field Project Final Report (Performa – P4)
10	Student's declaration form
11	Supervisor's Approval Letter
12	Work Completion Certificate
13	Acknowledgment
14	Contents

Field Project Feedback Form

To be filled by the head of the institution / authorized faculty/guide of the concerned organization (if any)

Name of trainee student

Prem Bhunjwa

Name of College

St. Aloysius College (Autonomous) Jabalpur

Class:

BCA VIth sem

Section & Roll No.

51201

S.No.	Base of Evaluation	Given Grade (A/B/C)	# Remark
1	Student's regular attendance		
2	Theoretical knowledge acquired by the student		
3	Skills and practical knowledge acquired by the student during the tenure		
4	Student's interest and seriousness towards the work,		
5	Student's attitude and behaviour during the learning period		
6	Co-ordination with colleagues and other members and ability to work in teams		
7	The overall grade of the student		

Grade (अंकी) : A-> Excellent (उत्कृष्ट), B-> Good (अच्छा) C-> Normal (सामान्य)

8/6/4

Date & Place:

Name of Authorized Person

Name and Seal

SESSION: 2024-2025

Format -PI

First Progress Report for Field Project (Self-Handwritten - 500 words)

I. Introduction and scope of the project work

Under this point, the present an initial introduction to the project in which details of the broad area of the work, its need and the concept of the subject will be given.

The project title "All to All Mobile" aims to develop a user-friendly website for selling mobile phones and accessories online. It allows customers to browse, compare and purchase products easily, while also helping shop owners manage inventory, billing and customer data.

Need for the project :-

- Difficulty in tracking real-time inventory
- Manual billing errors
- Lack of organized customer data
- Limited store accessibility

Key features :-

- Online catalog with product images and prices.
- Admin panel for product and inventory management.
- Automated billing and invoice generation.
- Responsive design for mobile desktop.

Technologies Used :-

- Frontend : HTML, CSS, JavaScript, Bootstrap
- Backend : PHP
- Database : MySQL (via XAMPP)

2. Scheme/Structure of the Project Work:
Give details for the outline of the proposed work and how it is to be completed

The "All to All Mobile" project is structured in a systematic way to ensure smooth development, testing, and deployment of the online mobile selling platform. The project work is divided into multiple well-defined phases, each focusing on specific aspects of development process.

1. Problem Identification and Requirement Analysis

- Understanding the challenges in the current manual mobile shop operation.
- Collecting requirement related to product listing, billing, inventory and user interaction.

2. Feasibility study

- Technical Feasibility :- Ensuring required tools (HTML, CSS, JavaScript, PHP, MySQL, XAMPP) are available.
- Operational Feasibility :- Verifying the ease of use for shop staff and admin.

3. System Design :-

- Designing database schema for handling products, customers, orders and invoices.
- Creating wireframes and layouts for the user interface (fronted and admin panel).
- Planning responsive structure for compatibility on both desktop and mobile devices.

4. Development

Frontend Development :- Using HTML, CSS, JavaScript for website structure and styling.

Backend Development :- Using PHP for dynamic functionalities and MySQL for database connectivity.

Admin Panel :- Developing product management, inventory control and order handling modules.

5. Testing :-

- Testing all features for correctness and responsiveness.
- Preparing the system fixing bugs and verifying the smooth functioning.

3. Division of the students for project work: It is essential to have a clear division of project work among students working in groups. Along with the work plan, this work division will also be done in the beginning so that the work completed by the students can be separated individually at the time of evaluation.

The project titled "All to All Mobile", has been completed as an individual effort. All stages of the project - from planning and design to development, testing and documentation - were carried out solely by the student.

Since no group members were involved, the entire responsibility of the project work, including coding, user interface design, database management, and report writing, was handled independently. This also ensures that the evaluation of the project can be done fairly based on the individual performance and contribution of the student.

Key Tasks completed Individually :-

- Requirement gathering and system analysis.
- Design of the website layout and database schema

- Frontend development using HTML, CSS, Bootstrap and JavaScript
- Backend scripting using PHP
- Database management with MySQL
(via XAMPP)
- Testing and debugging of the system
- Preparation of the final project report presentation.

4. Details of the concerned workplace/institution (where the work is to be done). Full details of the institution/organization where Project work/field survey etc. is to be completed also give the details of the institution or place on which project work has been prepared by placing the format given as per the need of the subject. It would be appropriate to provide a description of the methodology related to the work.

The project work titled "All to All Mobile" has been conceptualized and developed as an academic project during the Bachelor of Computer Application (BCA) course at St. Aloysius College (Autonomous), Jabalpur (M.P.).

Institution Details (Academic)

- Name of Institution :- St. Aloysius College (Autonomous)
- Affiliated to :- Rani Durgavati Vishwavidyalaya
Jabalpur (M.P.)
- Department :- Department of Computer Science
and Application.
- Course :- Bachelor of Computer Application (BCA)
- Student Name :- Parem Bhunjwa

Methodology Followed

The following methodology was used during the project development.

1. Requirement Collection :- observing common challenge in mobile shops and defining system needs.
2. System Analysis :- Identifying key modules like product catalog, admin panel, inventory, and billing.
3. Design :- Creating wireframes and database schema.
4. Development :- Building the website using HTML, CSS, JavaScript, PHP, MySQL and XAMPP.
5. Testing :- Functional and responsive testing on different devices.
6. Documentation :- Preparing structure reports, modules description and user guidances.
7. Review and Improvement :- Refining features and UI based on self-assessment.

5. Purpose and Relevance:

Proposed project goals should be short and SMART *S-Specific, M-Measurable R-Realistic/ Relatable (Actually Relevant), T-Time bound (Time-bound) Being specific here means that the project work goal needs to be fixed. Measurable means that the objective is defined in such a way as to ensure whether the proposed objective has been achieved or not. Also, the actual nature of the objectives should be observable. The time frame and the methods by which the project work will be completed should also be a part of the plan. This report shall also include the usefulness of the project, its relevance to real life and its application.

The project titled 'All of All Mobile' aims to create a digital platform for mobile phones shops to manage products, billing, and inventory online. The purpose is to make shop operation faster, more accurate and customer-friendly.

Special Objectives :-

• S - Specific :- Develop an online mobile shop website with product, billing features

• M - Measurable :- Ensure key modules (like product management, billing) work correctly and are testable.

A - Achievable :- Built using HTML, CSS, JS, PHP, MySQL - all easily available tools.

R - Relevant - Solves real-life shop problems like billing errors and stocks mismanagement

- T-Time :- Completed within 1 week with clear milestone for each phase.

Usefulness :-

- Makes shop operation easier and faster
- offers 24/7 product access to customers
- Ready for future updates like payment gateway and user login.

Field Project Working Notebook

S.No	DATE	TIME		DETAILS OF THE WORK DONE	SIGNATURE OF THE STUDENT	SIGN OF RELATED AUTHORITY
		To	From			
1	01/02	1:00	2:00	Project topic selection and initial Planning	(P)	
2	02/02	12:30	2:30	Wireframe and homepage	(P)	
3	03/02	1:00	2:30	Product catalog section created with Bootstrap	(P)	
4	04/02	1:00	2:30	Feedback form creation with Validation	(P)	
5	05/02	12:00	1:30	Backend Connection using PHP & MySQL	(P)	
6	06/02	12:00	1:30	Billing and chart module implementation	(P)	
7	07/02	12:00	1:30	Inventory & Stock update logic	(P)	

8	08/02	1:00	2:30	Admin Panel and user script module	(B)	
9	09/02	1:00	3:00	-Testing & bug fixing from form & database	(D)	
10	10/02	1:00	3:00	Search functionality and final formating	(P)	
11						
12						
13						
14						
15						

Total Hours Worked 90 hours

Format -P2

Second Progress Report (Self-Handwritten - 500 words)

1. Project Methodology (Work Flow)

The steps to be taken in the project work, the steps, and their sequence should be written in this report.

The development of the project "All of All mobile" followed a step by step approach to ensure systematic progress and successful implementation. Below are the major steps and their sequence.

1. Requirement Analysis :-

- Identified the needs of a mobile shop
- Collected functional and non-functional requirements

2. Feasibility Study :-

- Checked technical, operational and economic feasibility of the project.

3. System Design :-

- Design UI Layout and database schema.
- Create wireframes for user and admin panel.

4. Development :-

- Frontend :- Built using HTML, CSS, Bootstrap, JavaScript.
- Backend :- Developed with PHP and MySQL using XAMPP.

Testing :-

- Tested all features for functionality and responsiveness.
- Fixed bugs and optimized user experience.

6. Deployment :-

- Deployed on local server via XAMPP for demonstration and testing.

7. Documentation :-

- Prepared detailed project report including screenshots description.

8. Final review :-

- Verified system features
- Made final adjustments based on test result.

2. Details of Information Collection / Field Survey:

Project-related survey, information about the necessary collection, information about the process, etc.

To ensure the project meets real business needs, a basic survey and information collection process was conducted. The goal was to understand the daily challenges faced by mobile shop owners and identify the necessary features for a digital system.

1. Purpose of the Survey

- To gather real-world data about how mobile phone shops operate.
- To identify common problem in billing, inventory and customer management.

2. Method of Information Collection

- Observation :- Visited local mobile shop to observe how products are managed and billed.
- Informal Interviews :- Spoke to shop owners and staff about their daily workflow and difficulties.
- Online Research :- Studied existing e-commerce platforms to compare useful features.

3. Key Information Collection

- Shopkeepers want an easy-to-use system with minimal technical knowledge required.
- Manual billing and inventory tracking often lead to errors.
- No existing customer database is maintained in most shops.

4. Conclusion from survey

The collected information helped in shaping the website's modules, such as :

- Admin panel for managing product and stock
- Automated billing system.
- Product catalog with details and images.
- Scope for future enhancements like user login and online payments.

3. Literature Review:

Submit an authentic account of previous work, technical aspects, literature, etc. related to this project.

The literature review provides an overview of previous work and existing systems in the field of e-commerce inventory management and mobile phone retail solutions. It helped in understanding the technical aspect and shaping the development of all of the mobile project.

1. Study of Existing E-commerce Platforms

Platforms like flipkart, Amazon and Croma were studied to understand:

- Product listing structures
- User navigation patterns
- Cart and checkout mechanisms
- Admin-side inventory management.

2. Technical Research

- HTML, CSS and Bootstrap were studied for creating responsive, mobile-friendly layout.
- Javascript was used to handle UI interactions like filters, validation and dynamic elements
- PHP and MySQL were explored for server-side logic and database integration

St. Aloysius
Resources

File

- XAMPP was used as the local development and testing environment.

Online resources like W3schools, GeeksforGeeks, and code with Harry tutorials supported technical understanding.

3. Conclusion

The review of existing systems, platforms and technologies helped build a system that is:

- Technically feasible for solo development.
- functionally relevant to real-world shops
- Easy to maintain and expand in the future.

4. Progress of work (individual) as per allocation.
Different tasks of the project have been divided among the students working in groups. so in this second report, a clear description of the work done by each student so far is expected.

As this project "All to All Mobile" is being developed individually, all tasks and responsibilities have been handled by the student alone.

The progress of work till now is as follows:

1. Requirement Analysis

- Identified the needs of a mobile phone shop.
- Defined the system features and modules based on real - world requirements.

2. Feasibility study

- Completed technical, operational and economic feasibility analysis.
- Confirmed the availability of tools like HTML, PHP, XAMPP etc

3. System Design

- Designed wireframes for user and admin interface
- Created database schema for managing products, billing and customers.

4. Partial Development Completed

- Basic fronted structure using HTML, CSS and Bootstrap has been developed.
- Product display and homepage layout designed.
- Started backened development using PHP for admin functionality.

5. Testing (Initial Phase)

- Initial testing done for form validation and product display.
- Responsive testing on mobile and desktop devices.

Field Project Working Notebook

S.No	DATE	TIME		DETAILS OF THE WORK DONE	SIGNATURE OF THE STUDENT	SIGN OF RELATED AUTHORITY
		To	From			
1	11/02	12:00	1:30	Requirement gathering and Planning	(P)	
2	12/02	12:00	1:30	Created homepage layout with navigation bar	(P)	
3	13/02	12:00	2:00	Designed Product listing Page with Images	(P)	
4	14/02	12:00	1:30	Add feedback form & after Validation	(P)	
5	15/02	12:00	1:30	Connected form to database using PHP	(P)	
6	16/02	12:00	1:30	Billing System using JS & PHP	(P)	
7	17/02	12:00	1:30	Inventory & Stock logic developed	(P)	

8	18/02	12:00	1:00	Admin fiction created and styled	<input checked="" type="checkbox"/>	
9	19/02	12:00	2:30	Complete site testing and server connection	<input checked="" type="checkbox"/>	
10	20/02	1:00	3:00	Report writing & final documentation	<input checked="" type="checkbox"/>	
11						
12						
13						
14						
15						

Total Hours Worked 80 hours

Format-P3

Third Progress Report of Project Work (Self-Handwritten, in 500 words)

1. Details of the work completed by the student (separately by each student)

The details of the work done by each student working on the project so far out of the work allotted under the project should be submitted by the student.

Project Title :- All to All e-commerce

Student Name :- Parom Bhunjwa

Course :- BCA

College :- St. Aloysius College, Jabalpur.

Summary of work Done :-

- Studied the existing manual mobile shop system and identified key problems.
- Designed the system layout and database schema.
- Developed the full website using HTML, CSS, Javascript, Bootstrap, PHP, and MySQL and XAMPP.
- Created modules for billing, inventory, product display and customer management.
- Successfully integrated and tested all modules.

• Completed full project documentation.

Status :- All the tasks completed successfully

2. Analysis of information/data:
Collected Information, and statistical and technical analysis of numerical data.

Information was gathered from a local electronic store regarding customer behavior, sales trends, inventory flow and operational challenges.

Key findings :-

• Popular Products :- Mobile phones, smartwatches, Bluetooth earbuds, powerbank.

• Monthly Sales Avg :- Around 200 - 250 electronic items sold

• Customer Footfall :- 50 - 70 visitors daily.

• Common Issues :-

• Manual billing errors in ~10% of cases

• Slow billing process (~6 minutes per customer)

• Frequent stock-outs of fast-moving gadgets

• No centralized system for inventory and customer tracking.

Customer Preference :- High demand for compact, wireless and smart gadget.

- Peak Activity Hours :- 12 PM - 3 PM and 6 PM - 8 PM
- Festival Impact :- Major spike in sales during Diwali, New Year and product launches

3. techniques of analysis / applied techniques:

The method of analyzing the information and results, the selection of the method, the complete description of the process, justification, error and analysis of the results, and comparison of the expected results with reference to the project work.

To analyze the existing manual system and design the digital solution effectively, the following techniques were applied:

- Observation and Interviews :- Helped identify real-world problems in billing, inventory and customer handling
- Data Collection :- Sales records, stock reports and customer trend were analyzed.
- Statistical Analysis :- Measured average sales, billing times, error rates, and customer flows.
- Comparative Analysis :- Compared manual vs. autosystem performance.
- Technical Evaluation :- Assessed system requirement and designed a database to reduce redundancy.

4. Challenges in this project work

Details of the bottlenecks, challenges, and processes leading to unexpected results during the project work and their solutions.

During the development of the All to All Mobile Website, several challenges and bottlenecks were encountered.

1. Database Design Confusion :-

- **Challenge :-** Creating a normalized and scalable database to handle multiple product categories (mobiles, accessories, gadgets).
- **Solution :-** Break down tables into smaller relational tables, added foreign keys and tested queries for performance and accuracy.

2. UI/UX Layout Adjustment :-

- **Challenge :-** Making interface clean, responsive and user-friendly for different screen sizes.
- **Solution :-** Used Bootstrap classes and media queries for performance and accuracy.

3. PHP and MySQL Integration Error :-

- Challenge :- Issues in data submission especially while inserting and fetching data dynamically.

• Solution :- Debugged using echo, var_dump(), and XAMPP logs; ensured all form inputs and queries were accurately and correctly written.

4. Image Upload and Display :-

- Challenge :- Trouble storing and displaying images for products.

• Solution :- Set proper file permission used move_uploaded_file() function and linked paths dynamically in the product display page.

5. Time management :-

Challenge :- Balancing project work with other academic responsibilities.

Field Project Working Notebook

S.No	DATE	TIME		DETAILS OF THE WORK DONE	SIGNATURE OF THE STUDENT	SIGN OF RELATED AUTHORITY
		To	From			
1	21/02	12:00	1:30	Requirement Gathering and Planning	(P)	
2	22/02	1:00	2:30	Homepage and Layout design	(P)	
3	23/02	1:00	2:30	Product listing & Browsing	(P)	
4	24/02	1:00	3:00	feedback form with PHP Connection	(P)	
5	25/02	1:00	2:00	Backend logic for form data saving	(P)	
6	26/02	1:00	2:00	Billing form and JS Calculation	(P)	
7	27/02	1:00	3:00	Inventory Control with DB logic	(P)	

8	28/02	1:00	2:00	Admin logic & dashboards - and Setup	<input checked="" type="checkbox"/>
9	1/03	1:00	3:00	Testing of full modules & Layout	<input checked="" type="checkbox"/>
10	2/03	1:00	3:00	Final report writing & documentation	<input checked="" type="checkbox"/>
11					
12					
13					
14					
15					

Total Hours Worked 20 hours

Format P4

Project Final Report (Self-handwritten, in minimum 5000 words)

1. Project Theme / Title:
2. Originality Declaration of the Student
3. Approval letter of Supervisor / Director
4. Certificate of Work Completion by the Institution / Individual / Guide
5. Acknowledgment Letter
6. Index
7. Chapter-I:
 - a. Introduction and scope of project work
 - b. Background, Literature Review
 - c. Project work plan, relevance and target return
 - d. Details of the concerned workplace/institution (where the work has been done)
8. Chapter- II
 - a. Project Work Flow -Gantt Chart/SDLC
 - b. Details of Information Collection / Field Survey
 - c. Methods of Analysis / Applied Techniques, Analysis of Information/feasibility study/Data= DFD/Usecase/ER/SChema
9. Chapter - III
 - a. Conclusions, returns and analysis => UI Design/ Software Design Document (SDD), Architecture Diagrams.
 - b. Challenges in project work
 - c. Recommendations based on the findings
10. List of References

Declaration of Student's Original Work

I _____ Pavan Bhunjwa _____

hereby declare that this Field Project report is based on the original work done by me, in which published and unpublished material has been used after due approval. I also declare that the submitted report has not been submitted for any other degree/course in the past/present.

Name of student/ Students: Pavan Bhunjwa

Class: BEA - VI Sem

Roll Number:

Signature with date:



Approval letter by guide / Supervisor

I

hereby certify that the above-mentioned report is the actual report of the student's project work done under my supervision. It has been submitted to St. Aloysius College (Autonomous), Jabalpur after my approval.

Signature

Name

Date

Place

Work Completion Certificate

(After the completion of the work, attach the given certificate on the letterhead of the external institution here)



All to All Mobile

Name of organization and logo

This is to Certify that Mr./Ms.

Prem Bhunjwa

of BCA III Year, St. Aloysius College (Autonomous), Jabalpur, has completed his/ her Field Project work by being

present in this institution from 9092 to 9095 and has

worked/ trained in the field of

He/she is extremely hardworking, dedicated and result-oriented. He/she did good/excellent work during his/ her tenure in the organization. We wish him/her a golden future. With best wishes

Date:

Place:

Signature of the Authorized Person

Aise

Name and Seal

Camera Zone

ALL TO ALL MOBILE

S. No. 4, Plaza Complex, Marhatal
Jabalpur (M.P.)
Mobile (Neetu) M: 8878888820

Acknowledgement

I _____ Prem Bhunjwa _____ of BCA III Year, St. Aloysius' College

(Autonomous), Jabalpur would like to express my gratitude towards our Principal Rev. Rd. G. Vashon Arasu for giving me this great opportunity to do this Field Project Work. I would like to express my gratitude to my guide teacher Mr./ Ms. Hiral Patel.

Department of Computer Science for his / her constant guidance, advice, encouragement and every possible help in the completion of this work. The field project opportunity I had with

.....
was a great chance for learning and professional development. I express my deepest gratitude and special thanks to the

.....
who in spite of being extraordinarily busy with her/his duties, took time to listen to my queries, to guide me on the correct path and allowed me to carry out my field project at their esteemed organization. I am extremely grateful to all my teachers and friends who helped me in the successful completion of this field project work.

With great pleasure, I would also like to extend my sincere gratitude and thanks to my parents for their support.

I am grateful to everyone who supported me or guided me directly or indirectly.

Sig & Name of the student:

 _____

Prem Bhunjwa

Chapter 1 - T

a. Introduction and Scope of Project work :-

All to All Mobile is an e-commerce website designed for a mobile shop to showcase and sell products online. It offers features like user registration/login, product browsing, billing, inventory control, and feedback contact forms. The project ensures a responsive and dynamic user experience using HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL (XAMPP).

b. Background and Literature Review :-

Offline mobile shops often suffer from human errors, limited customer reach, and lack of data organization. Observing these challenges led to the idea of creating a web-based solution. This project takes inspiration from leading platforms like Flipkart, Amazon, and Co. Choco, while focusing on a simpler, affordable system for small businesses. Research was done on responsive web design, database connectivity, and secure login systems.

c. Project Work Plan, Relevance and Target Return:-

The project planned in five stages - requirement analysis, design, development, testing and deployment.

Weekly goals were set and reviewed. The project is highly relevant in today's digital age, where customers prefer online shopping over physical visits. It offers convenience, improves shop management, and reduces paperwork.

d. Details of the Concerned Workplace / Institution:
The project work was carried out by Prem Bhunjwa, a final-year BCA student at St. Aloysius College (Autonomous), Jabalpur. The system was developed using open-source tools in a local environment (XAMPP). The computer science faculty provided valuable feedback and supervision throughout the project timeline.

Chapter - II

Project Work Flow :-

The All of to All Mobile project followed the SDLC (Software Development Life Cycle) model to ensure smooth the structured development.

Project Workflow - SDLC

1. Requirement Gathering :-

Collected key features like product display, user login, and admin panel.

2. System Analysis :-

Studied issues in manual mobile shop and proposed a digital solution.

3. System Design :-

Designed database, UI wireframes, and flow of website modules.

4. Development :-

Built frontend using HTML, CSS, JS and backend with PHP and MySQL.

5. Testing :-

Tested each module and the full system to fix bugs and improve flow.

6. Implementation :-

Deployed the website locally using XAMPP for final testing.

7. Maintenance :-

Planned future updates and features upgrades from user feedback.

Grantt Chart / Time Management Overview

Below is a simple timeline showing how the work was distributed

Week	Task / Phase
1	Requirement Gathering
2	System Analysis
3	Database and UI design
4 - 5	Frontend Development
6 - 7	Backend and Database Coding
8	Module Integration
9	Testing and Debugging
10	Documentation and Final Review.

Details of Information Collection / Field Survey :-

To understand the real-life requirement of a mobile shop, an informal field survey was conducted at a local mobile store in Jalandhar. The aim was to gather information

ans

Key point

• Manual Billing

calculation mistakes during bill generation involves

• Inventory Problems :- Stock updates were manually, which often leads to errors in product availability.

• Customer Data Handling :- No proper system to track customer orders, queries or purchase history.

Digital Interest :- The shop owner showed interest in expanding online to reach more customers and handle operations more efficiently.

St. A

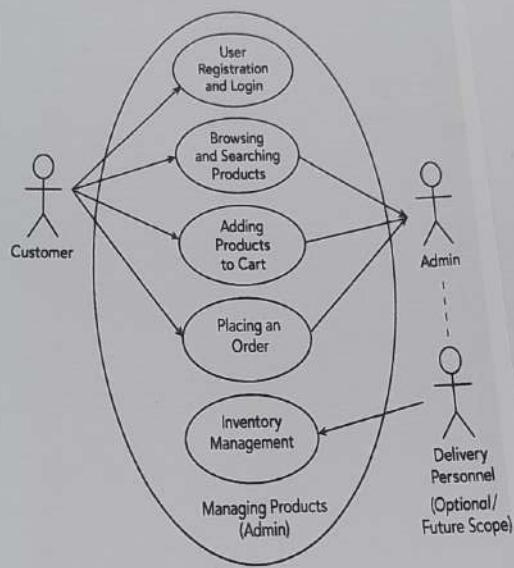
about their daily operations, challenges faced and expectation from a digital platform.

Key point observed and discussed during the survey:

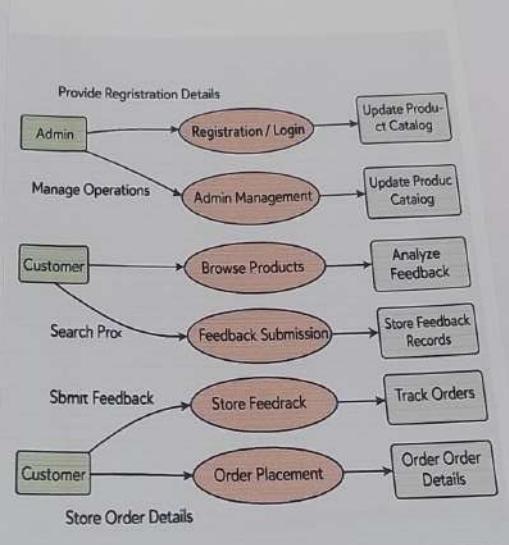
- **Manual Billing Issues** :- Staff members mentioned frequent calculation mistakes during billing and delays in generation involves.
- **Inventory Problems** :- Stock updates were done manually, which often led to errors in product availability.
- **Customer Data Handling** :- No proper system to track customer orders, queries or purchase history.

Digital Interest :- The shop owner showed interest in expanding online to reach more customers and handle operations more efficiently.

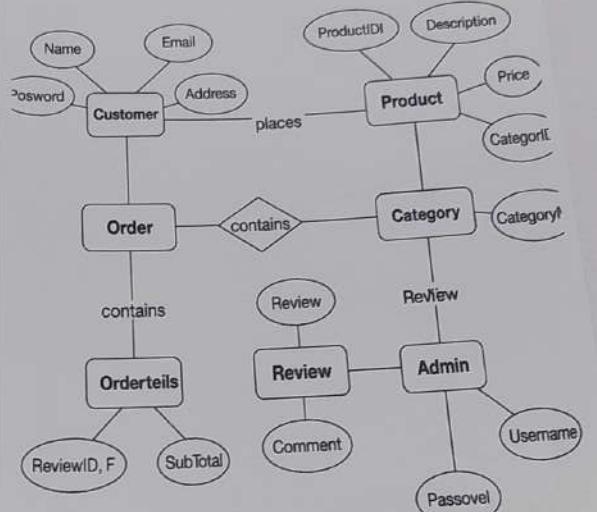
* Use Case *



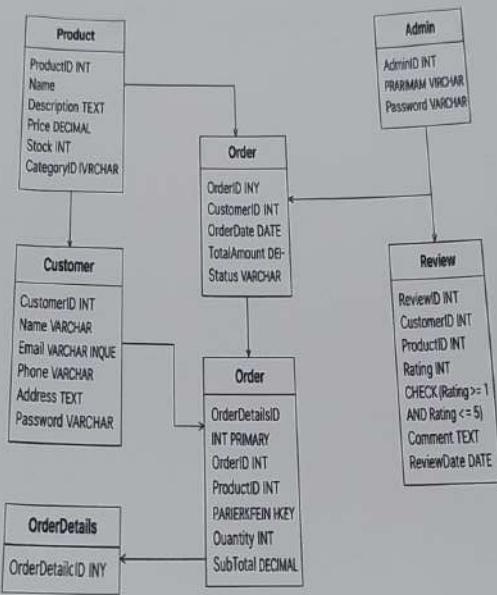
* DFD (Data Flow Diagram) *



* ER Diagram *

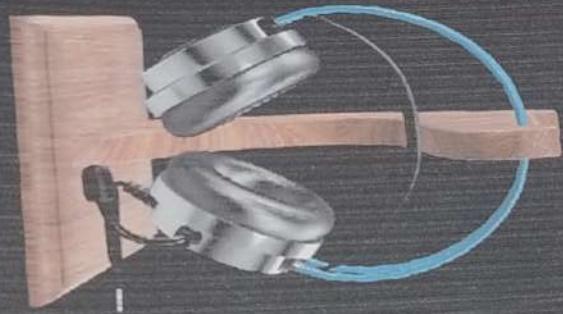


* Schema Diagram *



Designed for Best Audio Experience

With advanced features, sleek designs, and user-friendly interfaces, our gadgets are perfect for anyone looking to upgrade their tech.



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* Challenges in Project Work :-

- Unclear Requirements
- Time Constraints
- Technical difficulties
- Limited resources
- Team Coordination issue
- Testing and debugging challenges
- Prevalence of documentation
- UI/UX design Complexity

* Recommendation Based on the findings :-

- Improve requirement analysis method.
- Create a clear project timeline
- Enhance technical knowledge.
- Focus on thorough testing
- Maintain Proper documentation.
- Use tools for better coordination.
- Design with user need in mind
- Seek continuous feedback.

* Preference :-

1. W3Schools
2. MDN Web Docs
3. Bootstrap Docs
4. PHP.net
5. MySQL Docs
6. XAMPP
7. Code with Morris (Youtube)
8. Tech Junkie (Youtube)
9. Thapa