VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI

A MINI PROJECT REPORT ON

NEWSPAPER MANAGEMENT SYSTEM

IN

COMPUTER SCIENCE & ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the Mini Project entitled "Newspaper Management System" has been successfully completed by

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the bonafide students of Department of Computer Science & Engineering, Alva's Institute of Engineering and Technology in DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2020–2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Mini project report has been approved as it satisfies the academic requirements in respect of Mini Project work prescribed for the Bachelor of Engineering Degree.

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Declaration

We,

KAVOOR LATIKA VINAYAK

NAIPUNYA VINOD NAIK

hereby declare that the dissertation entitled, **Newspaper Management System** is completed and written by us under the supervision of my guide Ms. Pranitha Assistant Professor, Department of Computer Science and Engineering. Alva's Institute of Engineering And Technology, Moodbidri, DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2020-2021.The dissertation report is original and it has not been submitted for any other degree in any university.

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ABSTRACT

The aim of the project is to optimize Newspaper Management System. The newspaper delivery has been done manually by printing press depots. Agents vendors and the worker boys distributes in the respective lane allotted to them by vendors. This newspaper management system can be a good replacer for hectic manual technique of newspaper distribution. Admin will be logging onto the website and can manage newspaper online and also can generate bill. Then vendor can also login. The Newspaper Management system software can maintain monthly activities for the newspaper agencies, like maintaining customer details, requirement details, which paper needed for particular month, monthly requirement and stock entry, creation of bills for each and every customer, payment collection, editor details and printing press details. Customer needs to register and login. To read the daily newspaper of their choice they need to subscribe the respective newspaper and pay monthly bill online.

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CHAPTER 1

INTRODUCTION

The theme of the project is Newspaper Management System. The project is a fine thought to the newspaper delivery has been done manually by printing press depots. Agents vendors and the worker boys distributes in the respective lane allotted to them by vendors. This newspaper management system can be a good replacer for hectic manual technique of newspaper distribution. The Newspaper Management system software can maintain monthly activities for the newspaper agencies, like maintaining customer details, requirement details, which paper needed for particular month, monthly requirement and stock entry, creation of bills for each and every customer, payment collection, editor details and printing press details. To read the daily newspaper of their choice they need to subscribe the respective newspaper and pay monthly bill online.

1.1 PROBLEM STATEMENT

The newspaper delivery has been done manually by printing press depots. Agents vendors and the worker boys distributes in the respective lane allotted to them by vendors. This newspaper management system can be a good replacer for hectic manual technique of newspaper distribution.

1.2 AIM AND OBJECTIVE OF THE PROJECT

The Aim and objective of developing such a computerized system is to Optimize Newspaper Management System. So we have proposed a idea optimize Newspaper Management System. Our main intention is to replace for hectic manual technique of newspaper distribution. Mainly, in cities people prefer everything digitally , such as e-book and as well as e-newspaper. So we proposed this idea to make a software to reduce manual work and to enhance Digital Work of Newspaper Management for the above mentioned motives.

1.3 PROPOSED SOLUTION AND ADVANTAGES

1.3.1 Proposed System

To overcome the problem of manual systems, Newspaper Management System is proposed. It provides facilities for storing and managing database of customer products and employee. This software can manage and keep record of Newspaper.

1.3.2 Advantages of Proposed System

Performance: During past few decades, the records are supposed to be manually handles for all activities. The manual handling of record is time consuming and highly prone to error. To improve the performance of Newspaper Management, the computerized system is to be undertaken. This project is fully computerized and friendly even that any of the member can see the report and status of the work.

Efficiency: The basic need of this database is efficiency. The database should be efficient, so that whenever any actions is added, the database should be automatically updated.

Control: The complete control of the project is under the hands of the authorized person who has the password to access this project and illegal access is not supported to deal with.

Security: Security is the main criteria for the proposed system. Since illegal access may corrupt the database. So, security has to be given to this project.

CHAPTER 2

SYSTEM DESIGN

2.1 SCHEMA DIAGRAM

Figure 2.1 shows Schema diagram of the Newspaper Database Management System that contains 5 tables i.e. register, product, cart, billform, admin. The id of the register table act as primary key for cart and bill form and pid is the primary key for the customer_reqirements table and uid is the primary key for the login table. The foreign key references to primary key has been shown through the arrow lines pointing towards primary key.

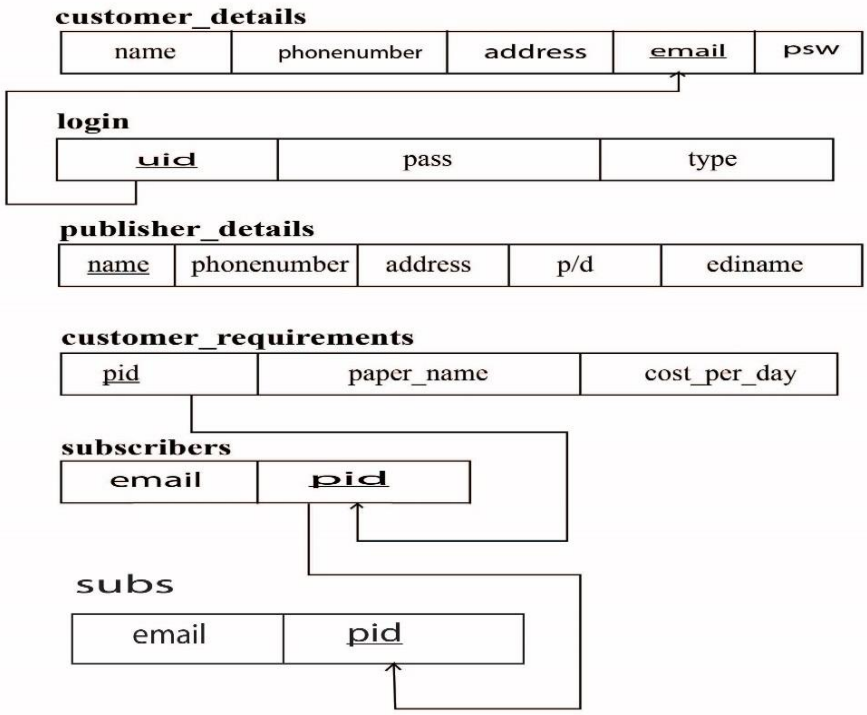

Figure 2.1: Schema Diagram

2.2 ENTITY-RELATIONSHIP DIAGRAM

Fig 2.2 shows ER diagram of the Newspaper Database Management System that contains 5 tables register, product, cart, billform ,admin. One register can view n number of products and the same user can add required products to the cart and purchase the selected product from cart and bill generates accordingly.

Cardinality Ratios has been specified such as 1:1, 1:N, N:1, M:N.

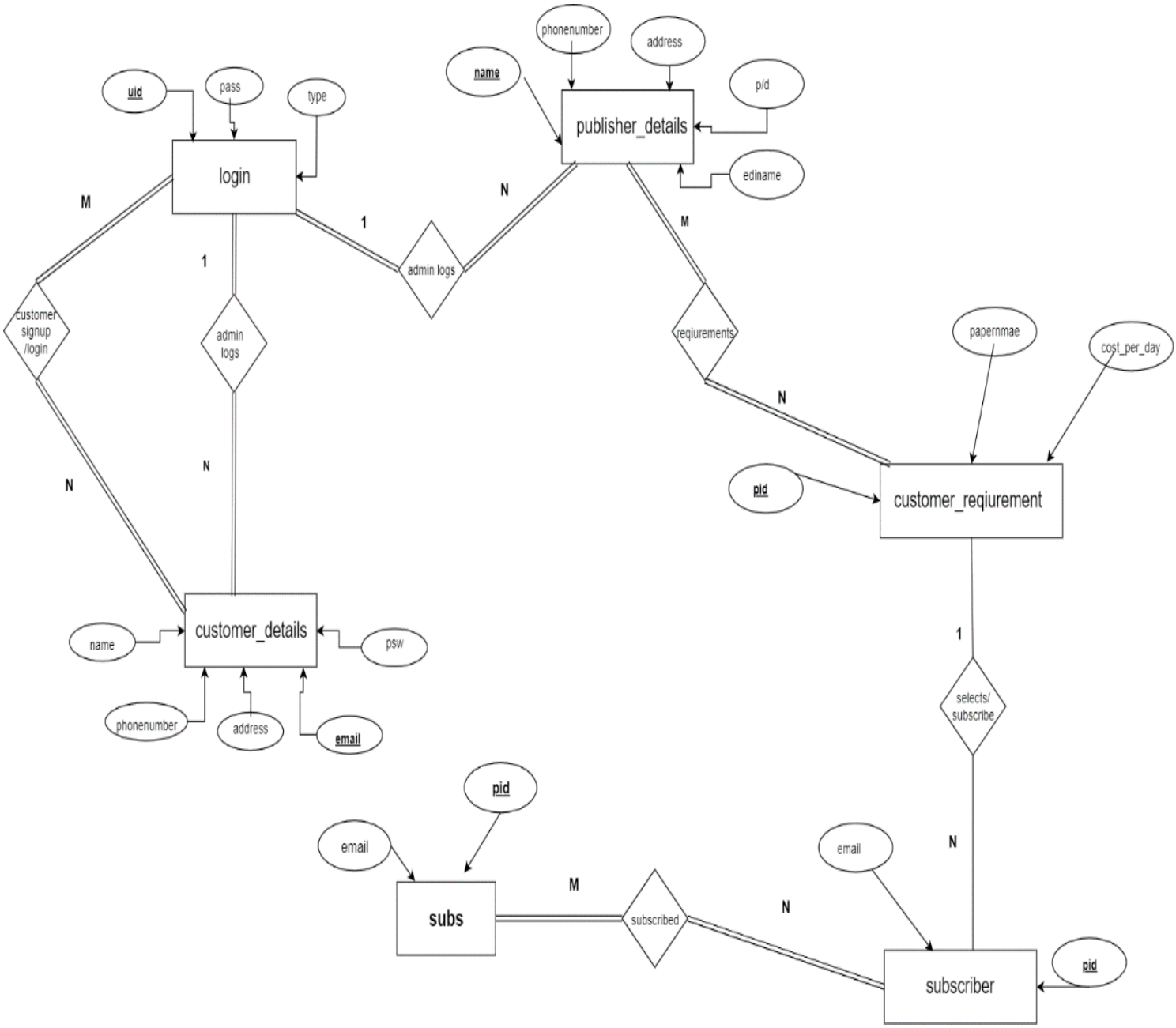

Figure 2.2: ER Diagram

CHAPTER 3

IMPLEMENTATION

In this chapter the implementation details of the project has been specified.

3.1 HARDWARE SPECIFICATIONS:

- 40 GB hard disk space.
- 2 GB RAM.
- Hi-Speed Network Connectivity.

3.2 SOFTWARE SPECIFICATIONS:

- Windows(x64) Operating System.
- Visual Studio Code.
- MySQL Server.
- Apache Server.
- Xampp.

3.2.1 LANGUAGE USED FOR IMPLEMENTATION

The languages used for implementation are as follows:

- Front end:- PHP,HTML,CSS
- Back end:- MySQL

PHP:-

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Development Team. PHP originally stood for Personal Home Page, but it now stands for the recursive acronym.PHP code may be embedded into HTML or HTML5 mark up, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable.

HTML:-

Hypertext Mark-up Language (HTML) is the standard mark-up language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages.

CSS:-

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

MySQL:-

MySQL is an open-source relational database management system(RDBMS). Its name is a combination of "My", the name of co-founder Michael Widenius daughter, and "SQL", the abbreviation for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. For proprietary use, several paid editions are available, and offer additional functionality.

3.3 SQL COMMANDS AND QUERIES

The queries used for creating these tables are as follows:

```
CREATE TABLE CUSTOMER_DETAILS (
`name` varchar(20) DEFAULT NULL,
`phonenumber` varchar(10) DEFAULT NULL,
`address` varchar(20) DEFAULT NULL,
`email` varchar(20) PRIMARY KEY DEFAULT NULL,
psw` varchar(20) DEFAULT NULL
)

CREATE TABLE LOGIN (
`uid` int(11) DEFAULT NULL,
`pass` varchar(10) DEFAULT NULL,
`type` int(11) DEFAULT NULL
)
CREATE TABLE `PUBLISHER DETAILS` (
`name` int(11) PRIMARY KEY AUTO_INCREMENT,
phonenumber` varchar(40) DEFAULT NULL,
`address`  timestamp DEFAULT current_timestamp(),phone, p/d` varchar(40) DEFAULT
NULL,ediname varchar(40) DEFAULT NULL

CREATE TABLE `REQUIREMENTS` (
`pid` varchar(40) DEFAULT NULL,
`papername` varchar(20) DEFAULT NULL,
`costperday` int(10) DEFAULT NULL);
CREATE TABLE ` SUBS` (
`email` varchar(40) DEFAULT NULL,
`pid’ varchar(20) DEFAULT NULL,

CREATE TABLE  SUBSCRIBERS (
`email` varchar(40) DEFAULT NULL,
`pid’(20) DEFAULT NULL);
```

3.4 OUTPUT TESTING

- While executing php mysql connection code we were not able to make the connection of backend mysql to front end php. So to solve this problem we had to create a new mysql user with password. After this the connection was successful.
- The connection was successful but the data entered in front end was not storing in backend, since all the attributes data types in backend were not set to varchar. So we modified the php code and mysql query accordingly.
- If we enter wrong password, local host says wrong password. If XAMMP server is not started, then we cannot run local host

CHAPTER 4

RESULTS

4.1 SNAPSHOTS

HOMEPAGE/LOGIN

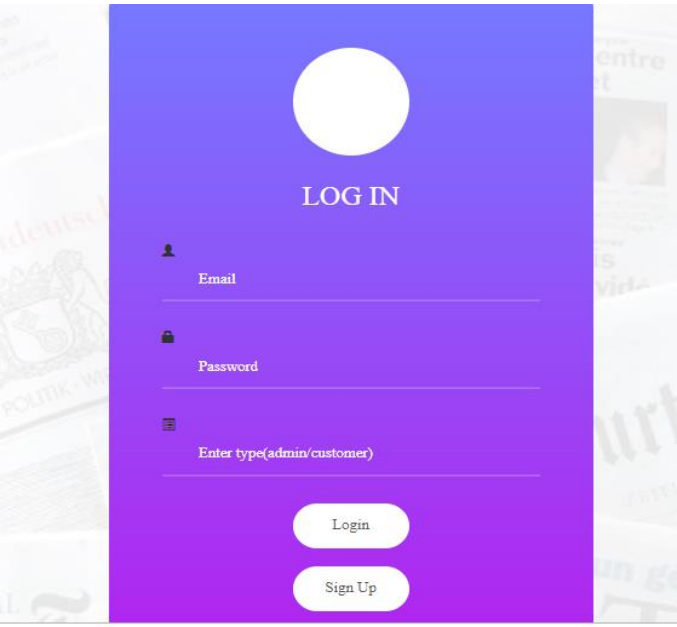

Fig 4.1: Home Page/Login

Fig 4.2 Sign Up Page

Customer Details | Subscription Logs | Subscriber Details | Publication Details | Change password | Logout

Name	Contact	Address	Email	Password
Latika	8356956683	Mumbai, Maharashtra	latika200131@gmail.com	latika
Naipunya	8780229361	Surat,Gujurat	naipu4342@gmail.com	naipu
praneeta	1234567890	karkala	praneeta@gmail.com	12345

Fig 4.3: Customer Details

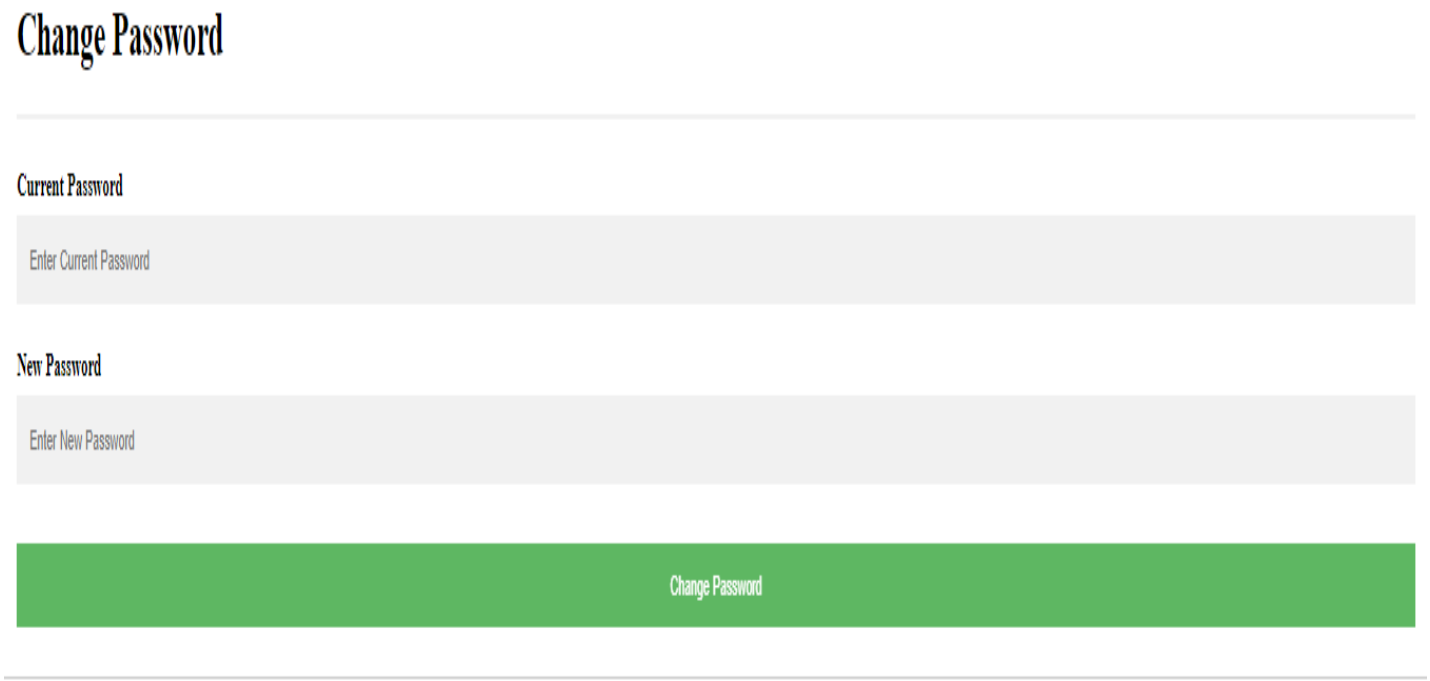

Fig 4.4: Change Password

CUSTOMER PART PROCESS:

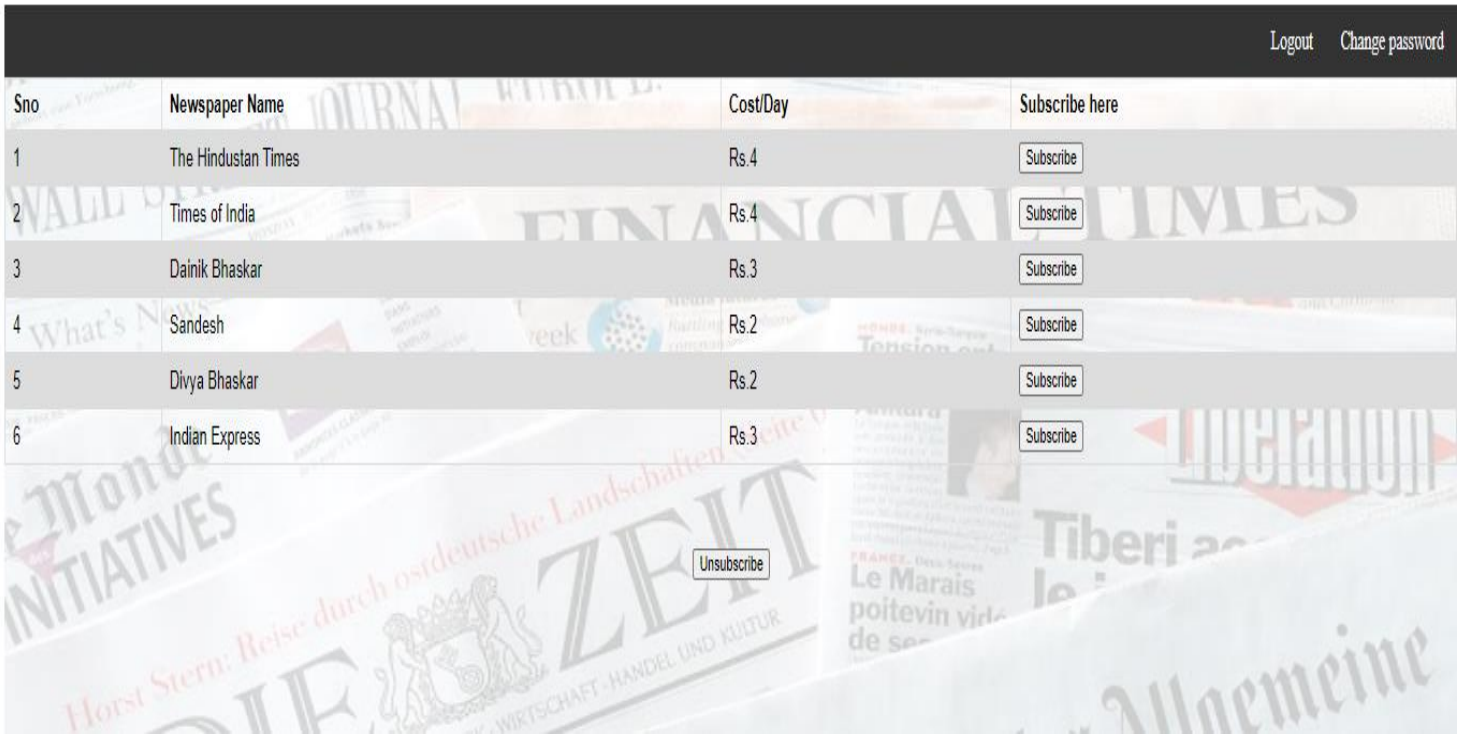

Fig 4.5: Customer Home Page

Fig 4.6: Customer Subscription

CHAPTER 5

CONCLUSION AND FUTURE ENHANCEMENT

5.1 CONCLUSION

Newspaper database is built to find suitable solution for storing and managing the data of products, customers, employee, billing and services. The features of the introducing system will call upon the problems that have encountered from the current system that is it keep track of customers, product details, amount to be paid. It keep track of Employee Details and check if employee are working efficiently.

5.2 FUTURE ENHANCEMENT

The introduced system can be improved with the improvement in the Newspaper booking services. The customer can order beforehand and get it on state time on arrival in showrooms without having to wait for the order. Payment through online can be enhanced. Atmost care and backup facilities can be established to ensure successful implementation of the computerized banking system.

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