

GLA University, Mathura -2020

Mini Project-II

Synopsis

Project Name/Title: “BetterYou”

Department of Computer Engineering & Applications
Institute of Engineering & Technology



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Declaration

I/we hereby declare that the work which is being presented in the B.Tech. Project **“BetterYou- A medical store website”**, in partial fulfilment of the requirements for the award of the *Bachelor of Technology* in Computer Science and Engineering and submitted to the Department of Computer Engineering and Applications of GLA University, Mathura, is an authentic record of my/our own work carried under the supervision of **Mr. Akash Kumar Chaudhary**.

The contents of this project report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree.

Sign _____

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Acknowledgement

In the present world of competition there is a race of existence in which those are having will to come forward succeed. Project is like a bridge between theoretical and practical working. With this willing we joined this particular project. It gives us great pleasure and we are glad to represent the report of our B.Tech Mini Project II undertaken during the third year of our graduation era.

It has indeed been a great privilege for us to have Mr. Akash Kumar Chaudhary in Department of Computer Engineering & Application, Institute of Engineering & Technology, GLA University, Mathura, as our mentor in this Project. His awe-inspiring personality, superb guidance and constant encouragement are the motive force behind this project. We take this opportunity to express our utmost gratitude to him. We are also indebted to her for her timely and valuable advise.

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INTRODUCTION

Problem Statement:

Q1.What we are creating?

We are creating “A real-time website to shop medicines online.” In this, we will provide the functionality to buy the medicines or pharmaceuticals from their home comfort efficiently.

The “Online Medical Store” has been developed to override the prevailing problems in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system.

Q2.What is our idea about?

In today’s era, we all are aware of our daily changing requirements and the need to shop as in the world of digital marketing.

Shopping the daily needs virtually is what when individuals interact without being face-to-face but through words and texts they sent or receive data to be shared. We can share information and the need can be delivered to us.

Shopping virtually make us elevate from being digitally literate to digitally fluent, collaborate using appropriate virtual tools and system and they are cost-effective and environment friendly too.

So putting our efforts into this application, we are going to create “BetterYou”.

Reason for Selecting Topic:

The general reason is to portray a complete and detailed picture of the overall purchase decision making process of consumers shopping online for medicines, including pre- and post-decisional stages. Although providing a broad description of the overall decisional process, the intent is to focus on the actual purchasing stage, shedding some light onto two details of this process – the in-store buying and browsing strategies used by online grocery shoppers and their reaction to in-store changes.

The purpose of Online Medical Store is to automate the existing manual system by the help of computerized equipments and full-fledged computer software,

fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

This project is aimed at developing a web application that depicts online shopping of medicines and self care products and purchase based on their own requirements. Using this software, we can improve the efficiency of their services of sales product. Online Shopping is one among the applications to enhance the marketing of the company's products.

Objectives:

- The App gives all the information about the medicines provides better services for customer.
- It provides the facility to the customer who wants to buy medicines and other self care products without having to wait .
- It manages the details of customers, medicines, medicine stock.
- It manages the information about the order of the customers.
- This project is totally built at administrative end and thus only the administrator is guaranteed the access.

Functionalities:

As stated earlier the general aim of this dissertation is to develop, as accurately as possible, an overall image of the consumers' decision making process for online grocery shopping. The objective is to provide a broad description of the overall process, from the pre-decisional to the post-decisional phase, however being the intent to then focus on the actual decisional stage.

This Web application has following functionalities:

1. Managing the information of Customers.
2. Shows the information and description of the medicines.
3. Editing, adding and updating of records is improved which results in proper resource management of customer data.
4. It deals with monitoring the information and transactions of Medicine Stock.
5. Medical store also manages the order details of the customers.

Technology Used:

Online Medical Store is a website, it uses full stack technologies. We will design the front-end and also connect the backend to store the information of users and medicines. The main technologies used are:

HTML: Page layout has been designed with HTML. It is used for making the structure to the website.

CSS/Bootstrap: It is used to design the elements or structure made with the help of HTML. It is used to provide the better User Interface to the website and eye-catching look.

JavaScript: It is used to provide the interactivity among the different modules of the website. All the validations in the login or signup form are done by JS.

MongoDB: It is a No-SQL database which is to be used in this project to store the data/information.

Node.js/PHP: These technologies are used to connect the website to the backend.

Module Description:

1. Customer Management Module: Used for managing the Customer details.
2. Order Module: Used for managing the details of Order.
3. Medicine Module: Used for managing the Medicine details.
4. Medicine Stock Module: Used for managing the Medicine Stock information.
5. Login Module: Used for managing the login details.
6. Users Module: Used for managing the users of the system.

Scope of the project:

This system will reduce the manual operation required to take care of all the records of booking information. And also generates the various reports for analysis. Main concept of the project is to enter transaction reports and to take care of customer records. It will help in reducing the cost of collecting the management and collection procedure will go on smoothly. The data is directly stored in the database. This system allows to the customers to maintain cart for add or remove the product over the internet. The online shopping system well design database can help the management guide customers.

SOFTWARE REQUIREMENTS SPECIFICATIONS

(SRS)

SOFTWARE:

Code-Editor: Visual Studio Code

Font-end Tool : HTML, CSS, JavaScript

Back-End : Node.js and MongoDB

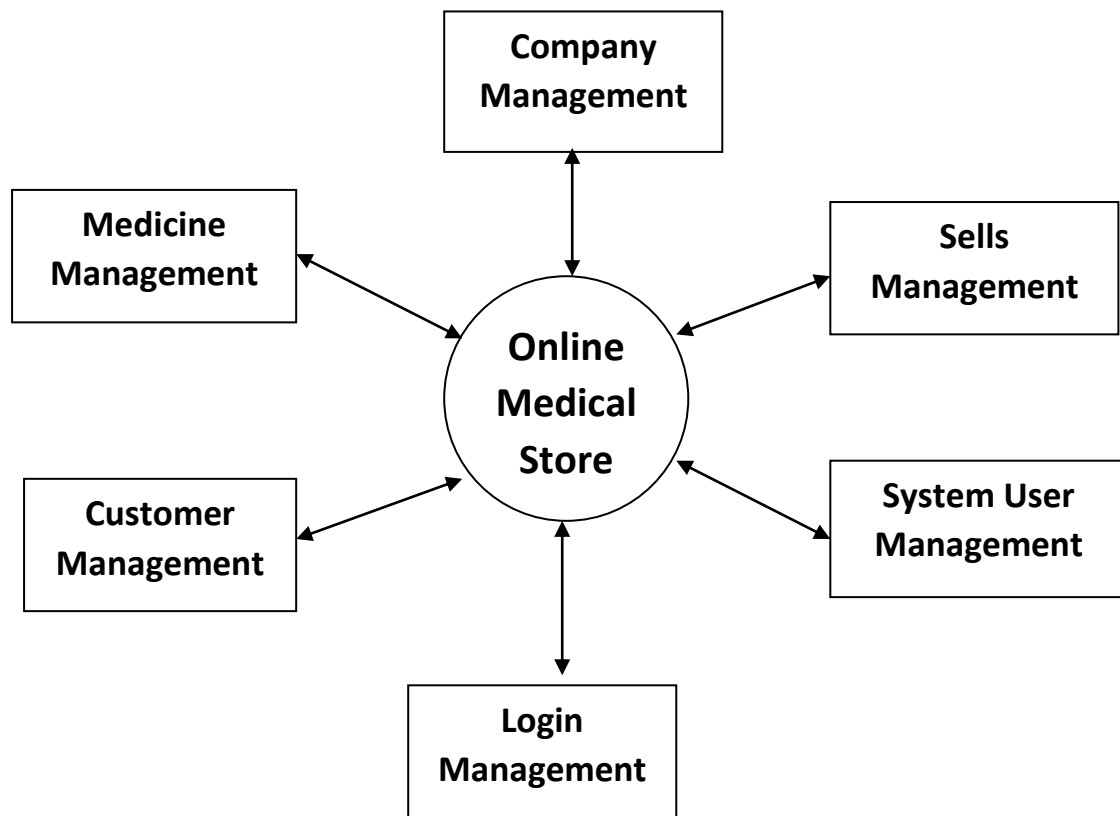
HARDWARE:

Memory : 2 GB RAM

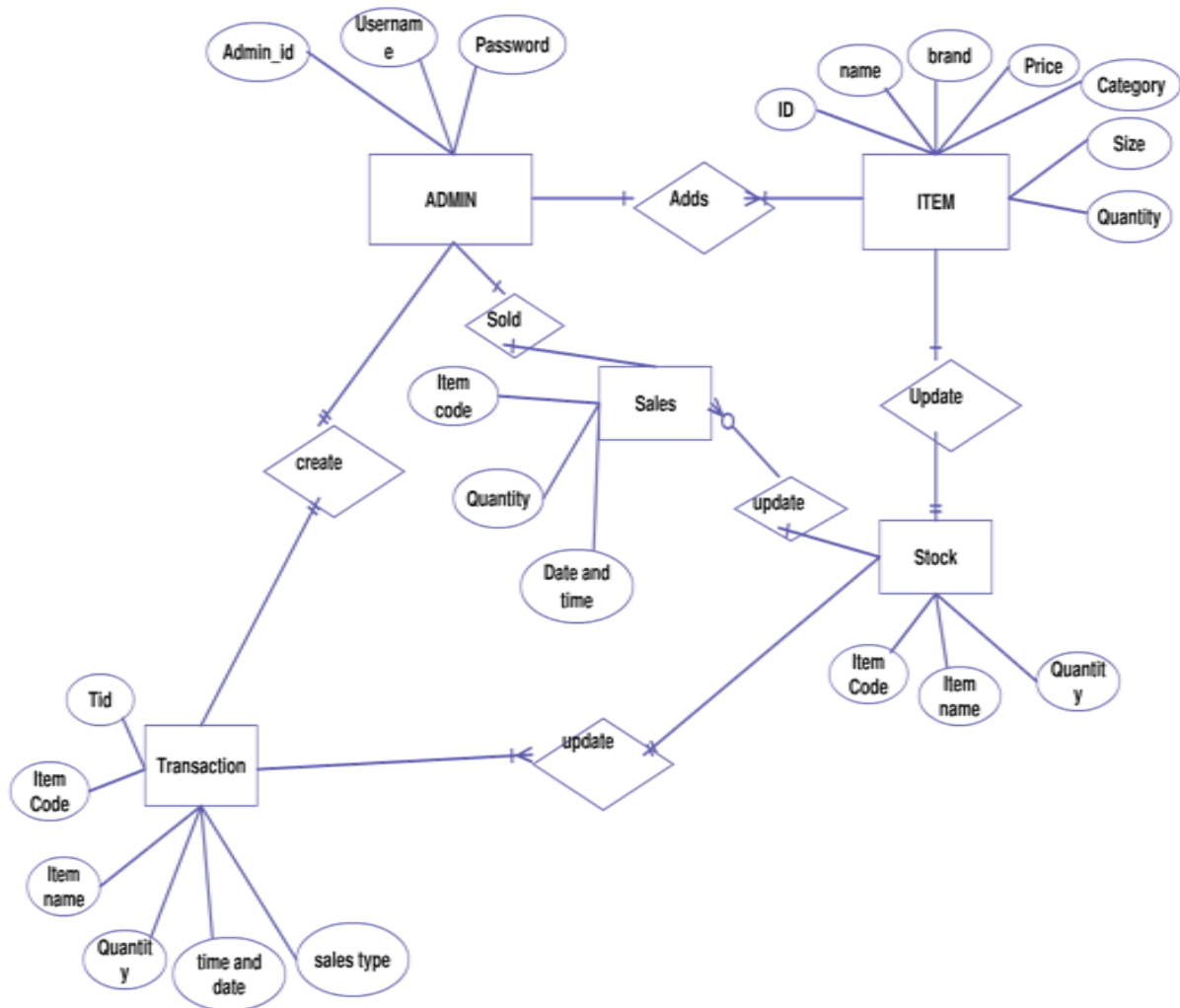
Cache Memory :128 MB or more

Internal Memory: 4 GB or more

Level 0 Data Flow Diagram:

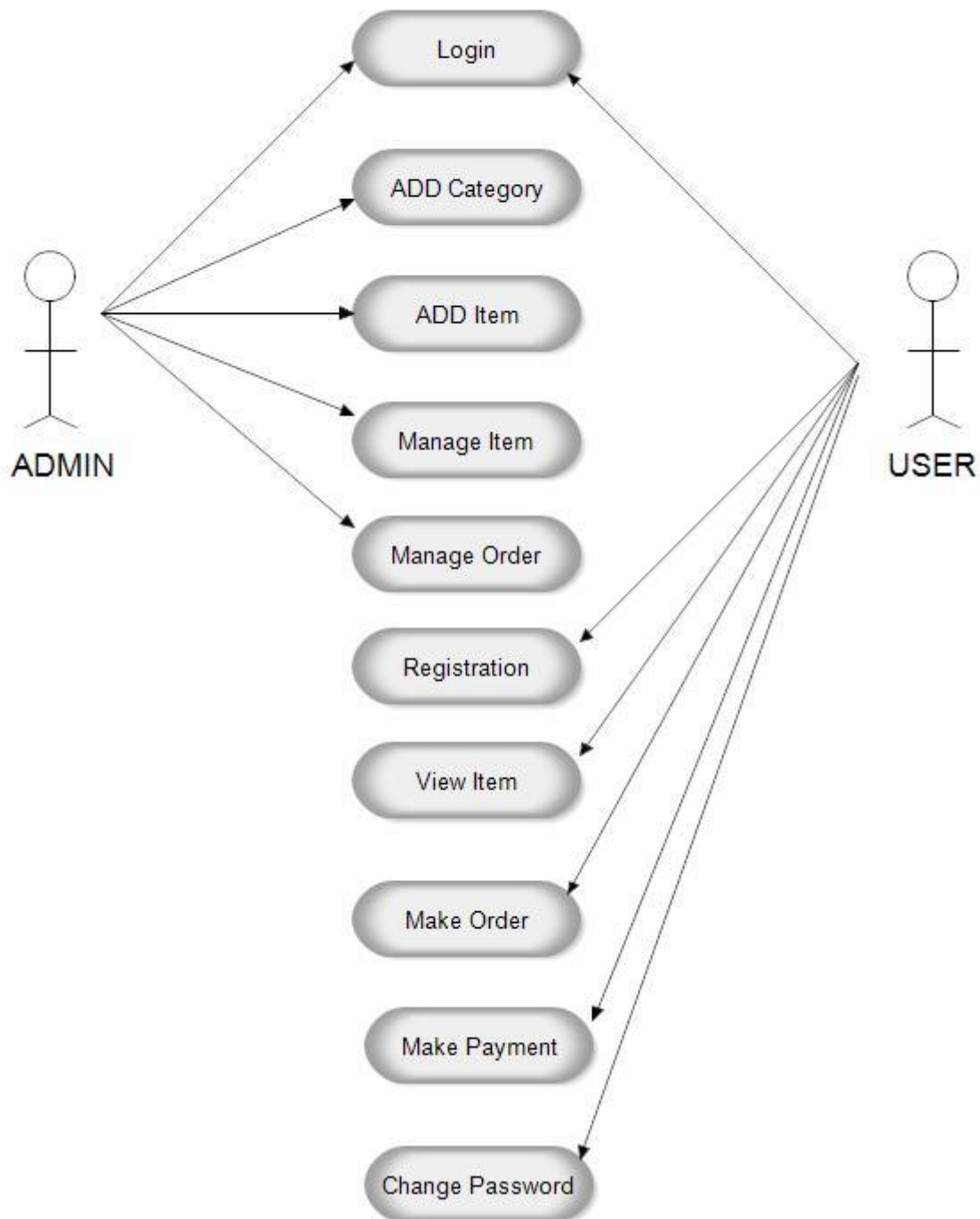


ER Diagram:



Use-Case Diagram:

Use Case Diagram for Online Shopping Website



CONCLUSION

The first conclusion this study provides is the realization of online medicine shopping in India as being a niche market. Our project is only a humble venture to satisfy the needs to manage their project work. We have defined the problem on which we are working in this project. We describe the requirement specifications of the system.

Medical online store is actually a software which handle the essential data and save the data and actually about the database of a pharmacy and it's management. This software help in effectively management of the pharmaceutical store or shop. It provide the statistics about medicine or drugs which are in stocks which data can also be updated and edited. It works as per the requirement of the user and have options accordingly. It allow user to enter manufacturing as well as the expiry date of medicine placing in stock and for sales transaction. This software also have ability to print the bill and invoices etc. The record of suppliers supplies can also be saved in it. There are other function available too. The main purpose is effectively and easily handling of pharmacy data and it's management.