



**WEBSTORE FOR PHARMACIES WITH
INVENTORY MANAGEMENT AND USER
BEHAVIOURAL PREDICTION**



A PROJECT REPORT

Submitted by

MANIKANDAN.R (710419106018)

MATHUMITHA.G (710419106019)

RITHICK.K (710419106026)

*In partial fulfilment for the award of the degree
of*

BACHELOR OF ENGINEERING

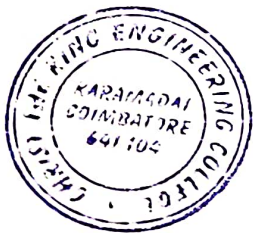
IN


ELECTRONICS AND COMMUNICATION ENGINEERING

**CHRIST THE KING ENGINEERING COLLEGE,
COIMBATORE-641104**

ANNA UNIVERSITY: CHENNAI 600 025

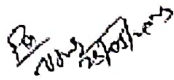
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Dr.M.JEYARAJ, M.E.,Ph.D.
PRINCIPAL,
CHRIST THE KING ENGINEERING COLLEGE,
Chakkampalayam Village,
Karamadai, Mertupalayam Taluk,
Coimbatore - 641 104.

BONAFIDE CERTIFICATE

Certified that this project report "WEBSTORE FOR PHARMACIES WITH INVENTORY MANAGEMENT AND USER BEHAVIOURAL PREDICTION" is the bonafide work of "MANIKANDAN.R (710419106018), MATHUMITHA.G (710419106019), RITHICK (710419106026)" who carried out the project work under my supervision.



SIGNATURE

Dr. A. Kingsly Jabakumar, M.E., Ph.D.,

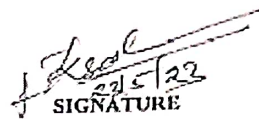
HEAD OF THE DEPARTMENT,

ASSOCIATE PROFESSOR,

Department of Electronics and
Communication Engineering,

Christ The King Engineering

College, Coimbatore - 641104.



SIGNATURE

Dr. A. Kingsly Jabakumar, M.E., Ph.D.,

SUPERVISOR,

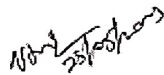
ASSOCIATE PROFESSOR,

Department of Electronics and
Communication Engineering,

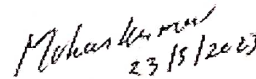
Christ The King Engineering

College, Coimbatore - 641104.

The project report submitted for the viva voce held on 23.5.23




INTERNAL EXAMINER



EXTERNAL EXAMINER




D.M.JEYAKUMAR, M.E., Ph.D.
PRINCIPAL
CHRIST THE KING ENGINEERING COLLEGE,
Chikkarampalayam Village,
Karamada, Mettupalayam Taluk,
Coimbatore - 641 104.

ABSTRACT

Our work proposes a solution to the pain points faced by pharmacy owners who do not have access to open source ecommerce stores. The proposed solution involves the development of a pharmacy ecommerce website with inventory management and user behavior prediction. The website is built on the WordPress architecture using the WooCommerce plugin, and includes various other plugins such as SiteKit, TI Wishlist, Variation Swatches, and Elementor. The website also integrates Google Analytics for data analysis and a neural network for user behavior prediction. The proposed solution aims to improve the user experience, streamline inventory management, and enhance sales through user behavior prediction. This project has the potential to benefit pharmacy owners and customers alike, by providing an efficient and user-friendly platform for online pharmacy purchases.



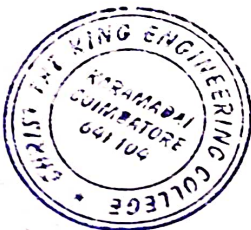
[Signature]
Dr. M. JEYAKUMAR, M.E., Ph.D.
PRINCIPAL
CHRIST THE KING ENGINEERING COLLEGE,
Chakkaraipalayam Village,
Karamada Mettupalayam Taluk,
Coimbatore - 641 104.

CHAPTER 8

CONCLUSION AND FUTURE SCOPE

8.1 CONCLUSION:

In this project, In conclusion, this project aimed to develop a WordPress-based pharmacy website with inventory management and user prediction behavior using WooCommerce and various plugins. The system includes several features such as user registration and login, product catalog, shopping cart, checkout, order management, inventory management, and user behavior prediction. The website was developed using the WordPress CMS, which provided flexibility and scalability to the system. WooCommerce was used as an e-commerce plugin to manage the product catalog and shopping cart functionality. The system's inventory management module allows the pharmacy to track and manage their inventory in real-time. The module includes features such as stock management, inventory tracking, and low stock notifications. These features help the pharmacy to ensure that they never run out of stock and can fulfill orders in a timely manner. The user behavior prediction module uses machine learning algorithms to predict user behavior, such as what products they are likely to purchase, based on their past behavior. This helps the pharmacy to personalize the user experience and provide targeted product recommendations. Overall, the developed system offers an efficient and user-friendly way for pharmacies to manage their inventory, sell their products online, and provide a personalized experience to their users. The website's user interface is designed to be easy to use and navigate, ensuring that users can find what they need quickly and efficiently. The system's performance was evaluated using various metrics such as response time, throughput, and resource utilization. The results showed that the system was able to handle a high volume of traffic and provide a fast and reliable user experience. In addition to the developed system's immediate benefits, there are several potential future improvements and enhancements that could be made. First, the




Dr. M. JAYAKUMAR, M.E., Ph.D
PRINCIPAL
CHRIST THE KING ENGINEERING COLLEGE,
C/o. Karampalayam Village,
Karambadal, Menupalayam Taluk,
Coimbatore - 641 104.