

**Department Of**

**Master of Computer Application**

**NALANDA INSTITUTE OF TECHNOLOGY**

**CHANDAKA, BHUBANESWAR 754005**

**2024-2025**

**(Affiliated to Biju Patnaik University of Technology, Odisha)**

Project Report

ON

“[**PHARMACEUTICAL PRODUCT TRADING**]”

**PROJECT REPORT SUBMITTED IN PRATICAL FULFILMENT OF THE**

**REQUREMENTS FOR THE AWARD OF THE IN**

**MASTER IN COMPUTER APPLICATION**

**UNDER THE BIJU PATNAIK TECHNOLOGY (BPUT)**

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PROF.[GUIDE NAME]

STUDENT NAME [SUNITA NAYAK][REDG.149

DEPT.OF MCA

DECLARATION

We Hereby Declare that this

Project prepared By Us and

Entitled As

**“Project Name”** is original

And This Has Not Been

Submitted to Anywhere

Else For the Award of Any

Other Degree

**ACKNOWLEDGEM**

**ENT**

We convey our thanks our

project Guide Mr. [guide name],

Department of MCA and, for

Providing us encouragement,

Support and guidance which was

a great help to complete this

project successfully.

We are grateful to MR.

Head of MCA for giving us a

opportunity and encouragement

to complete the project

successfully

We express our thanks and love

to all our friends to stand by our

side and for their timely

suggestions and

encouragements,

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| **Name**- Sunita Nayak  **Branch**- MCA  **Section**- B  **Regd. No- 149**  **Project Name-** Pharmaceuticals Medicinal Product  Distribution  **Organisation-** IIG Varsity    **ABSTRACT**     |  | | --- | | The Pharmaceuticals Medicinal Product Distribution software is a comprehensive solution engineered to enhance the efficiency and effectiveness of pharmacy operations, catering to the evolving landscape of pharmaceutical services and regulatory demands. In today's dynamic environment, where pharmacies are expanding their services and facing stringent regulations, this software offers a robust platform to streamline management processes and elevate customer service standards.  At its core, this software empowers pharmacy owners and distributors  with a suite of tools designed to optimize every facet of their operations. From inventory management to sales tracking, the platform provides seamless integration and automation, enabling pharmacies to operate with precision and agility. With features such as real-time inventory monitoring and automated reordering, the software ensures that pharmacies maintain optimal stock levels, minimizing shortages and maximizing profitability. | |

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| |  | | --- | | Moreover, the software offers sophisticated reporting and analytics capabilities, allowing pharmacy owners to gain valuable insights into their business performance. By analyzing sales trends, customer preferences, and inventory data, pharmacies can make informed decisions to drive growth and profitability. Additionally, built-in compliance features ensure that pharmacies adhere to regulatory requirements, reducing the risk of fines and penalties.  One of the key benefits of the Pharmaceuticals Medicinal Product Distribution software is its focus on customer service excellence. The platform includes features that enhance the overall shopping experience for customers, such as personalized recommendations, loyalty programs, and seamless checkout processes. By providing a convenient and user-friendly interface, pharmacies can build customer loyalty and satisfaction, driving repeat business and positive word-ofmouth referrals.  In an era where technology plays a crucial role in every industry, the Pharmaceuticals Medicinal Product Distribution software stands out as a vital tool for pharmacy owners and distributors. Its intuitive interface and comprehensive features make it easy for pharmacies to adapt to changing market demands and stay ahead of the competition. Whether managing a single pharmacy shop or a network of locations, the software offers scalability and flexibility to meet the diverse needs of pharmacies of all sizes.  In conclusion, the Pharmaceuticals Medicinal Product Distribution software is a game-changer for pharmacy management, offering a holistic solution to streamline operations, ensure compliance, and deliver exceptional customer service. By leveraging the power of technology, pharmacies can overcome challenges and seize opportunities in today's competitive landscape, driving growth and success for years to come. | |

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| **OBJECTIVE:**  The main objective of the application is to automate the existing system of manually maintained records of the counter sales, purchases, records levels, suppliers and customers monetary positions and related transaction made by the seller.     * **Manager:**      * + Who will act as administrator. o The features for manager are - Add, delete, update any product. - Manage store input price, make salaries, calculate revenue.      * **Comprises of:**    + POS - Point of Sales o STK - Stock Accounting   + V&C - Vendor & Customer Accounting        * **Other staff :**    + Who will accessing the system.      * + The features for the other Staff are - Cashier can only search the product and make the bill -Can see the list of products -User can only see the product price and available products. |

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| **Modules:**   * Medicine database management o Login & logout o Stock availability o Locations o Sells records * Employee data         **SPECIFIC REQUIREMENTS** :   * Provides comprehensive details of medicines o Maintain customer records o Proper stocks available. o Display product should be confirmed. * Notify the user the user when matching product found.         **Language & Tools:**     * Frontend: o HTML, CSS, JS, BOOTSTRAP * Backend: o Java (Servlet & JSP) * Database: o Mysql |