

**Centre Name: ACE-THUDUC-1-FPT**

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**Pharmacy**

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*Month: June Year: 2024*

This is to certify that

|  |  |
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| **Mr.** | **Doan Duc Do** |

Have successfully Designed & Developed

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Pharmacy** | | |

Submitted by:

|  |
| --- |
| **Mr. PHAM CONG DANH** |

Date Of Issue:

|  |  |
| --- | --- |
|  | **10/7/2024** |

Authorized Signature:

|  |  |
| --- | --- |
|  |  |

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# 

# ACKNOWLEDGE

We extend our deepest gratitude and appreciation to all those who have contributed to the successful completion of our Semester 2 project as part of the Advanced Diploma of Software Engineering program. This collaborative effort involved the dedicated work of our team of five students, who have tirelessly strived to deliver a robust and innovative pharmacy management application.

First and foremost, we would like to express our heartfelt thanks to our esteemed teacher, Mr. Danh, whose guidance and mentorship have been instrumental throughout the development of our project. His wealth of knowledge, unwavering support, and constructive feedback have been invaluable, shaping not only our technical skills but also fostering a deep understanding of software engineering principles.

The foundation of our project lies in the integration of various technologies, and we want to acknowledge the pivotal role played by JavaFX and Scene Builder in NetBeans. These tools have been the building blocks of our project, enabling us to create a dynamic and feature-rich application. The hands-on experience gained in utilizing these technologies has not only enriched our technical prowess but also provided practical insight into real-world software development.

The collaborative nature of this project has allowed us to cultivate effective teamwork and communication skills. Working as a cohesive unit, we learned the importance of coordination, task delegation, and problem-solving. These invaluable skills extend beyond the realm of software engineering and are applicable to various aspects of our academic and professional lives.

Furthermore, we want to express our gratitude to our fellow team members for their commitment and diligence. Each member has brought a unique set of skills and perspectives, contributing to the overall success of the project.

In conclusion, this project has been a journey of growth, learning, and camaraderie. We are sincerely thankful to everyone who has been part of this endeavor, shaping it into a rewarding experience that will undoubtedly influence our future endeavors in the field of software engineering.

# INTRODUCTION

Greetings! We are excited to present our project in the realm of software engineering. As part of our Advanced Diploma studies, our team of five diligent students has developed a comprehensive pharmacy management application. The primary objective is to provide pharmacies with a user-friendly platform to efficiently manage their business operations.

We aim to deliver an application that is not only visually appealing but also technologically robust. Our focus is on creating a seamless user experience, enabling pharmacies to easily handle tasks such as inventory management, prescription tracking, and customer care. With intuitive management features, our goal is to simplify the management process, providing users with a convenient and efficient means to run their pharmacies.

We invite you to join us on this technological journey as we unveil a pharmacy management application that not only showcases our technical expertise but also enhances the operational efficiency of every pharmacy.

# PROBLEM DEFINITION

Our project focuses on addressing common struggles that pharmacies face when managing and operating their businesses. Currently, tasks like inventory management, order tracking, and customer interaction are not always straightforward and can be time-consuming. Additionally, existing solutions often do not leverage the latest technologies, resulting in a less smooth user experience. Our goal is to tackle these issues by creating a simple and effective pharmacy management application.

We utilize JavaFX and Scene Builder to build the user interface, along with SQL for data storage and management. In doing so, we aim to create an application that users can easily utilize to manage inventory, record orders, and interact with customers efficiently. We believe that this project will help improve the productivity and working experience of pharmacies, enabling them to save time and enhance their business management.

# CUSTOMER REQUIREMENT SPECIFICATIONS

**1.USER/INTERFACE**

**Input:**

1. **Forms and Text Fields:** Users can input information through forms and text fields. This could include filling out personal details, selecting preferences, or entering search queries.
2. **Buttons and Links** Users interact with buttons and links to navigate through different sections of the pharmacy management app, submit forms, or trigger specific actions. Thanks to the user-friendly and intuitive interface, users can easily check inventory status, manage prescriptions, and track sales revenue. The app also provides real-time notifications, allowing users to quickly stay updated on important changes or the latest information.
3. **Dropdowns and Selections:** Users can make selections from dropdown menus or choose options from lists to customize their experience.
4. **Checkboxes and Radio Buttons:** Users can provide input by selecting checkboxes or radio buttons to indicate preferences or choices.
5. **Uploads:** If applicable, users may upload files, images, or documents using file input fields.

**Process:**

1. **Form Submission:** When users fill out forms and submit them, the application processes the input, which may involve data validation and verification.
2. **Dynamic Updates:** Based on user input or interactions, certain sections of the application may dynamically update without requiring a full app reload.
3. **Client-Side Scripting:** JavaFX can be used for client-side scripting to enhance user interaction, validate input, and dynamically modify the content without reloading the entire page.

**Output:**

1. **Displaying Results:** The application outputs information based on user input, such as displaying search results, updated content, or personalized recommendations.
2. **Error Messages:** If there are issues with the input, the application may output error messages to guide users in correcting their input.
3. **Confirmation Messages:** Users may receive confirmation messages for successful actions, such as submitting a form or completing a transaction.
4. **Visual Changes:** The application may undergo visual changes to reflect the processed information, such as updating images, text, or layout dynamically.

**2. ADMIN**

**Input**

1. **Login Credentials:** The system requires input in the form of username and password for authentication during the login process.
2. **Configuration Settings:** Administrators may input or modify configuration settings, such as system preferences, security parameters, or feature toggles.

**Process:**

1. **Authentication:** The system processes login credentials to authenticate administrators and grant access to the admin panel.
2. **Authorization:** Once authenticated, the system checks for appropriate authorization levels to determine the scope of actions an administrator can perform.
3. **Configuration Processing:** Changes made to configuration settings are processed by the system to implement the updated preferences or rules.

**Output:**

1. **Admin Dashboard:** After successful login, the system outputs an admin dashboard, providing an overview of system status, analytics, or key metrics.
2. **Error Messages:** In case of incorrect login credentials or invalid input during configuration, the system outputs error messages to guide administrators.
3. **Activity Logs:** The system generates logs to record administrator activities, helping to track changes and monitor system interactions.
4. **System Status Updates:** If configuration settings are modified, the system outputs updates to reflect changes in system behavior or functionality.
5. **Confirmation Messages:** After successful actions, such as data uploads or configuration updates, the system outputs confirmation messages to inform administrators.

**Additional Aspects:**

1. **Role Management:** The system allows administrators to manage user roles and permissions, defining who can access certain features or perform specific actions.
2. **Security Measures:** Input validation, secure authentication protocols, and encryption are crucial components to ensure the security of admin interactions.
3. **Notification System:** The system may include a notification system to alert administrators about critical events, updates, or potential issues.
4. **Backup and Recovery:** Administrators may have the capability to initiate backup processes and recovery procedures in case of data loss or system failures.

**Hardware / Software requirement**

**Hardware**:

**For Setting Up the Application**

* Processor Intel Core I3 or higher.
* Memory 6 GB RAM or greater.
* Monitor: Super VGA (1024x768) or higher resolution
* Internet Access: Modem/ADSL Internet access is required

**Software**:

**Server:**

* Operation System: Window 7 or later.
* Databases: SQL.
* Development Framework: JavaFX
* Browser: Google Chrome version 35.

**Client:**

* Operation System Window 7 or higher.
* Browser Google Chrome , MS-Edge, Firefox

# TASK SHEET REVIEW 1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project: Pharmacy** | | | **Date of preparation of activity plan:** | | | |
| **#** | **Task** | **Prepared by** | **Start date** | **Actual**  **Date** | **Team member name** | **status** |
| 1 | Acknowledgement | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 2 | Introduction | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 3 | Problem definition | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 4 | Customer requirement specification | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 5 | Scope of work | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 6 | Hardware/software requirement | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| 7 | Task Sheet | Huy | 27/05/2024 | 31/05/2024 | Huy | completed |
| Review | | | Signature of instructor | | | |
|  | | |  | | | |
|  | | | **Mr. Pham Cong Danh** | | | |

# REVIEW 2

**1 .USECASE**

**1.1 Use case for Staff**

**A diagram of a company

Description automatically generated**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Login | |
| **Actors** | User | |
| **Description** | Staff who has registered an account can login | |
| **Requirements** | Staff provides username and password | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Staff is logged in to application | |
| Fail: Alert and refill the information | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click ‘Login’ button  on Home Page          3. Actors input Email and  Password, then click the  ‘Login’ button | 2. System redirects to Login Page with the following controls:  - “Email” text field  - “Password” text field  - “Login” button  4. System checks the information  5. System redirects to Home page |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors input invalid email or password. | 2.System redirects to Login page with the following controls:   * “Email” text field * “Password” text field * “Login” button   3.System shows message:  “Invalid email and password” |

###### **Login**

###### **Register**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Export | |
| **Actors** | User | |
| **Description** | Create new staff account | |
| **Requirements** | Have a phone email to receive OTP when forgot password | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Create a new account and return to login page | |
| Fail: Alert and refill information | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click ‘Sign Up” Button under the “Login” button          3. Actors fill in the form and click the “Sign Up” | 2.The systems show the form which force actors fill in like ID, Full name, Password, Confirm Password, Phone, Emai, Address, Role (set Staff default)  4. Systems check whether ID, Phone, Email exist.    5. System inserts the status into database    6. System shows success message and return to Login page |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |

###### **Selling**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Selling | |
| **Actors** | Staff | |
| **Description** | Staff can sell product form storage | |
| **Requirements** | Input name of medicine | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Show information that matches search phrase | |
| Fail: No information is shown | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors input search phrase    3.Actors click information in list or view everything that matches search phrase  5. Actors click the products and click sell | 2.System shows list of information that match the search phrase  4. Systems show bill in right table  6. System update products to SQL |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| |  | | --- | | 1.Actors enter is not wrong information | | 2.The system does not show the search information |

###### **Export:**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Export | |
| **Actors** | Staff | |
| **Description** | Export the data file to be printed to PDF | |
| **Requirements** | Data is not null | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Export PDF to your computer | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1.Actors click the “Export” button | 2.System export to your computer |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| 1. N/A | 2. N/A |

###### **Customer Management**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Customer Management | |
| **Actors** | Employee | |
| **Description** | Employee can manage all customer | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Show up all customer’s information | |
| Fail: Actor can’t do anything in the page | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1.Actors click Customer Management button sidebar | 2.System display the management page |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| |  |  | | --- | --- | | N/A | | |  |  | | N/A |

###### **Bills Transaction**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Bills Transaction | |
| **Actors** | Staff | |
| **Description** | Manage bills | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: System shows the data | |
| Fail: No information shown | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click on “Bills Transaction” button. | 2.System shows Bills ID, Customer Name, Phone, Price, Method, Date |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| |  |  | | --- | --- | | 1. Actors double click the bill | | |  |  | | 2. System shows clearly about that bill |

**Dashboard**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Dashboard | |
| **Actors** | Staff | |
| **Description** | See all information show in Home Page | |
| **Requirements** | N/A | |
| **Pre-conditions** |  | |
| **Post-conditions** | Success: N/A | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors log in successfully | 1.System redirects to Home page |
| **Alternative flow** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

**1.2 Use case for Managers**

A diagram of a person

Description automatically generated

###### **Order Receipt**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Order Receipt | |
| **Actors** | Admin | |
| **Description** | Admin order product | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: System show up bills( Receipt ID, Order Date, Receive Date, Supplier, Total, Status) and can delete | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click ‘Order Receipt” button          3. Admin click “Add New” button and fill the form in right table and click “+ “ button | 2. System show up data  4. System will update to database |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
|  |  |

###### **Supplier**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Supplier | |
| **Actors** | Admin | |
| **Description** | Show data and add new supplier | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: N/A | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors choose “Supplier” button    3. Actors choose “Add New Supplier”  5. Actors click “Add” button | 2. Systems show up the information products  4. System show the form with Name Address Phone Email  6. System checks the information and add to database |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

###### **Barcode Generator**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Barcode Generator | |
| **Actors** | Admin | |
| **Description** | Create barcode image and save to file | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: N/A | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click “Barcode Generator” button on Product Details          3. Actors click “Save” | 2. System show the folder to save image     1. 4. System will save to your computer |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

###### **Product Details**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Product Details | |
| **Actors** | Admin | |
| **Description** | See all full information of medicine | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: All information will show up | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click “Product Details” button | 2. System show up |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

###### **Staff**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Staff | |
| **Actors** | Admin | |
| **Description** | See all information about employees | |
| **Requirements** | N/A | |
| **Pre-conditions** | N/A | |
| **Post-conditions** | Success: Display all Staff information | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click “Staff” button          3. Actors fill in form under the table information  5. Actors click Add button | 2. System show up  3. System show the database add new like: ID, Name, Gender, Phone, Address, Gmail, Birthday, Role and Status    6. System save and update to database |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| 1. N/A | 2. N/A |

###### **Payroll Management**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Payroll Management | |
| **Actors** | Admin | |
| **Description** | Payroll Management | |
| **Requirements** | admin | |
| **Pre-conditions** | Admin can see all information and can change it | |
| **Post-conditions** | Success: the systems show up the table view | |
| Fail: Recheck | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click Fund Management button on tab          3. Actors select name of fund to see | 2. System redirects to search fund section  4. System checks the information    5. System returns the result |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

###### **Time Keeping**

|  |  |  |
| --- | --- | --- |
| **Use case name** | Time Keeping | |
| **Actors** | Admin | |
| **Description** | See check in check out | |
| **Requirements** | Admin | |
| **Pre-conditions** | Admin can see all process checked of staff | |
| **Post-conditions** | Success: N/A | |
| Fail: N/A | |
| **Basic flow** | **Actor’s actions:** | **System’s responses:** |
| 1. Actors click Time Keeping button    3. Actors click Check In | 2. System show the table with ID, Staff ID, Name, Day, Check in, Check out  4. System get date time and update to database |
| **Exceptions** | **Actor’s actions:** | **System’s responses:** |
| N/A | N/A |

**2.Data Flow Diagram (DFD)**

**A diagram of a person's work flow

Description automatically generated**

# SITE MAP

1. A diagram of a company

   Description automatically generated**User**

**ENTITY RELATIONSHIP DIAGRAM (ERD)**

A screenshot of a computer

Description automatically generated

# TASK SHEET REVIEW 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project: Pharmacy** | | | **Date of preparation of activity plan:** | | | |
| **#** | **Task** | **Prepared by** | **Start date** | **Actuals**  **Date** | **Team member name** | **status** |
| 1 | Use case | Hoang Gia Huy  &  Nguyen Anh Minh  &  Nguyen Anh Quan  &  Tran Nhat Linh  &  Doan Duc Do | 31/05/2024 | 07/06/2024 | Hoang Gia Huy  &  Nguyen Anh Minh  &  Nguyen Anh Quan  &  Tran Nhat Linh  &  Doan Duc Do | completed |
| 2 | Data Flow Diagram (DFD) | 31/05/2024 | 07/06/2024 | completed |
| 3 | Site Map | 31/05/2024 | 07/06/2024 | completed |
| 4 | Entity Relationship Diagram (ERD) | 31/05/2024 | 07/06/2024 | completed |
| Review | | | Signature of instructor | | | |
|  | | |  | | | |
|  | | | **Mr. Pham Cong Danh** | | | |

# REVIEW 3

**GUI DESIGN**

1. User side
   1. Login form

**A screenshot of a login page

Description automatically generated**

Users will fill in information log in:

+ Text field Username

Validate: “Name is required!”, “User does not exist!”

+ Text field Password

Validate: “Password is required”

“Wrong password”

+ Icon Eye/Eye Close: Show/Hide Password

+ Checkbox Remember: Remember password for the next sign in

+ Link “Forgot password": Click to go Reset password page

+ Login Button: Complete fill in and start validation to sign in

+ Sign Up Button: Click to go Register Staff Account page

* 1. A screenshot of a login form

     Description automatically generatedRegister page

Users fill full information:

+ Text field String Name

Validate: “Name is required”, “Name must not be longer than 30 characters”  
+ Text field String Email (Gmail is registered with the company)

Validate: “Email is required”, validate with letter “@”  
+ Text field String Address  
+ Text field Integer Phone

Validate: “Phone is required”, “Format error, enter number”  
+ Text field String Password

Validate: “Password is required”, “Wrong password!”   
+ Role: Admin-Staff (Default Admin).

+ Then click the “Sign Up" button to complete the login process.

If you have an account, you click the “Sign In" button to comeback sign up page.

* 1. A screenshot of a email

     Description automatically generatedForgot Password   
       
     + User input email (which register before) to text field and click “Send Code” button to validate and receive OTP by email

Validate: “Email does not exist”, “Wrong email”, “Wrong format”

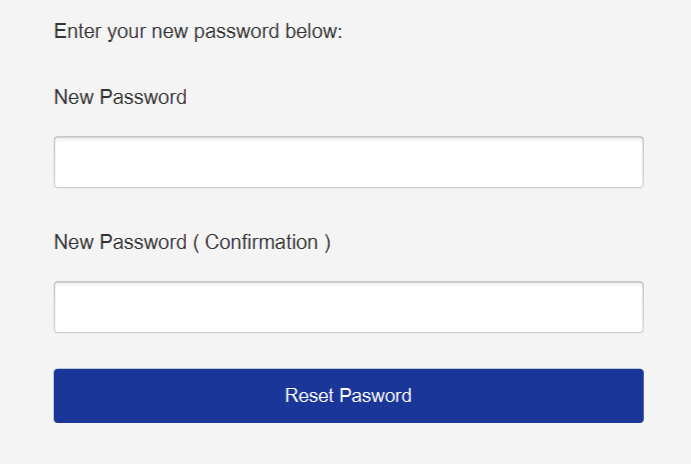
* 1. A screenshot of a computer

     Description automatically generatedVerify OTP

+ After receive OTP email, user enter it to text field and click “Verify” button to validate

Validate: “Wrong OTP”

* 1. Reset Password



+ User input new password and confirm password and click “Reset Password” button to update new password into database and return to login page

Validate: “Password is not blank”, “Confirm Password is not blank”

* 1. Home
     1. A screenshot of a computer

        Description automatically generatedDashboard for Staff:

The dashboard page displays:

-A tab bar in left side:

+Profile User with the title “Welcome Staff \*Name of user\*”

+ Button: Home to go Home page, Customer to go Customer Management Page, Selling to go Sell Page

+ Log Out to sign out the application

- Dashboard in right side:

+ Above: show the report of the day, warning if sign up in unknow device, warning goods out of date…

+Below: displays a statistical data table

* + 1. A screenshot of a computer

       Description automatically generatedDashboard for Admin:

The dashboard page displays:

-A tab bar in left side:

+Profile User with the title “Welcome Staff \*Name of user\*”

+ Button: Home to go Home page,

Customer to go Customer Management Page

Product go to Product Page

Transaction to go Transaction Page

+ Setting to custom your panel, color theme, account…

+ Log Out to sign out the application

+ Transaction Button: Click go to Transaction page

+ Account Management Button: Click to go to Account Management page

- Dashboard in right side:

+ Above: show the report of the day, warning if sign up in unknow device, warning goods out of date…

+Below: displays a statistical data table

* + 1. A screenshot of a computer

       Description automatically generatedOrder Transaction

Search: + Search order by Name shown in table below in left side

+ Search customer by name or number in table below in right side

Users fill full information:

Integer Quantity

Integer Pill

Radio Choice Cash/Card to choose type of payment

Pay Button: to pay the order

Cancel Button: cancel process

* 1. A screenshot of a computer screen

     Description automatically generatedReceipt Management

Search: + Search receipt by Name shown in table below in left side

+ Search bill by name or number in table below in right side

Users fill full information:

Integer Quantity

Integer Crate

Integer Box

Integer Pill/Bottle

Delete Button: Delete all product show in table

Print Button: Print a doc, excel… file to report

Cancel Button: Cancel process

Trash Icon: Delete the product

Order Button: Order receipt

Finish Button: Finish order process

Medicine Selection: Choose name of medicine

Supplier Selection: Choose name of supplier

* 1. A screenshot of a computer

     Description automatically generatedBills Transaction

Search: + Search bills by Name shown in table below in left side

+ Search bill by Name or number in table below in right side

Users fill full information:

Integer Quantity

Integer Crate

Integer Box

Integer Pill

Integer Batch No with can have a device support to scan

Print Button: Print a doc, excel… file to report

* 1. Supplier

A screenshot of a computer

Description automatically generated

Search: Search product by Name shown in table below

Table shows up full information: ID

Supplier Name

Address

Phone

Email

* 1. A screenshot of a computer

     Description automatically generatedCategory

Search: Search product by Name shown in table below

Export Button: Click to go to Export page

Add New Button: Click to go to Add new form

A screenshot of a computer

Description automatically generated

* 1. A screenshot of a computer

     Description automatically generatedCustomer Management

Search: Search product by Name shown in table below

Add New Customer Button: Click to go to Add new form

2.7.1.And new customer

A screenshot of a computer

Description automatically generated

Users fill full information below:

+ Text field Customer Name

Validate: “Name must not be longer than 30 characters”

+ Text field Address

+ Text field integer Phone

Validate: “Phone number must be entered in numbers”

+ Text field string Email (validate with @)

+ Choice Gender

Validate: “Gender is not blank”

+ Text field string Note

* 1. A computer screen shot of a computer

     Description automatically generatedStaff Management

Search: + Search product by Name shown in table below

Payroll Button: Click to go Payroll page

Timekeeping Button: Click to go Timekeeping page

Export Button: Click to go Export page

User will fill full information:

Integer Staff ID: Validate: “NV\*number\*”

String Password Validate: “Password is not blank”

String Address

Date picker Birthday

String Staff Name Validate: “Name shorter than 30 characters”

Integer Phone Validate: “Enter by number”

String Gmail Validate with @

Choice Role: Manager-Staff

Choice Gender: Male-Female

Choice Status : Active- Inactive

Import Picture

Add Button: Complete addition

Update Button: Choose the staff’s information and change it

Delete Button: Delete info is chosen

Reset Button: Reset all text field

* 1. A screenshot of a computer

     Description automatically generatedPayroll page

Search: Search product by Name shown in table below

Payroll Button:

Export Button: Click to go Export page

Timekeeping Button: Click to go Timekeeping page

Staff Button: Click to go Staff page

A screenshot of a computer screen

Description automatically generated

* 1. A screenshot of a computer

     Description automatically generatedTime Keeping Page

Search: Search product by Name shown in table below

Date picker Icon: Choose the day to show

Export Button: Click to go Export page

Staff Button: Click to go Staff page

A screenshot of a computer screen

Description automatically generated

* 1. A screenshot of a computer

     Description automatically generatedAccount Management

Search: Search product by Name/Phone/Email shown in table below

Update Button: Click to Update data selected

Delete Button: Click to delete data selected

# TASK SHEET REVIEW 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project: Pharmacy** | | | **Date of preparation of activity plan:** | | | |
| **#** | **Task** | **Prepared by** | **Start date** | **Actuals Date** | **Team member name** | **status** |
| 1 | GUI DESIGN | Hoang Gia Huy  &  Nguyen Anh Minh  &  Nguyen Anh Quan  &  Tran Nhat Linh  &  Doan Duc Do | 07/06/2024 | 17/6/2024 | Hoang Gia Huy  &  Nguyen Anh Minh  &  Nguyen Anh Quan  &  Tran Nhat Linh  &  Doan Duc Do | completed |
| Review | | | Signature of instructor | | | |
|  | | |  | | | |
|  | | | **Mr. Pham Cong Danh** | | | |

# Coding Review 1

# Login FormA screenshot of a login page Description automatically generated

# Code

# Login Button

A screen shot of a computer program

Description automatically generatedA screen shot of a computer program

Description automatically generated

# A screen shot of a computer program Description automatically generatedValidate

# A screenshot of a login form Description automatically generatedSign-up Form

# Code

# A screenshot of a computer Description automatically generatedA screenshot of a computer screen Description automatically generatedImport

# A screen shot of a computer screen Description automatically generatedGet and Save Data

# Select RoleA computer screen shot of a program code Description automatically generated

# Validate

A screen shot of a computer screen

Description automatically generated

# Close ButtonA screen shot of a computer Description automatically generated

# Staff FormA screenshot of a computer Description automatically generated

# Code

# Import

# A screen shot of a computer screen Description automatically generatedAdd Button

# A screen shot of a computer screen Description automatically generatedUpdate Button

# Delete Button

**A screen shot of a computer screen

Description automatically generated**

# Import Image

A screen shot of a computer program

Description automatically generated

# A screen shot of a computer Description automatically generatedShow date to table view

# A screen shot of a computer program Description automatically generatedA screenshot of a video game Description automatically generatedPagination

# Coding Review 2

# A white square with black text Description automatically generatedRemember Password Button

# A screen shot of a computer screen Description automatically generatedCode

A screen shot of a computer screen

Description automatically generated

# Dashboard without Tabbar (Both Manager/Staff)

A screenshot of a computer

Description automatically generated

# A screenshot of a computer program Description automatically generatedImport

# A screen shot of a computer code Description automatically generatedUpdate Invoices

# A screen shot of a computer program Description automatically generatedBar chart

# A screen shot of a computer program Description automatically generatedTimeline

# A screenshot of a computer Description automatically generatedA blue rectangular object with black border Description automatically generatedTabbar

# Code

**A screen shot of a computer

Description automatically generated**

# A white rectangle with a black line Description automatically generatedSearch

A screen shot of a computer program

Description automatically generated

# Coding Review 3

# A screenshot of a email Description automatically generatedSend OTP Email in Forgot Password

# A screen shot of a computer Description automatically generatedCode

# A blue rectangle with white text Description automatically generatedExport File PDF ButtonA screen shot of a computer screen Description automatically generated

# Notification Expired ProductA screen shot of a computer screen Description automatically generated

# TASK SHEET CODING REVIEW 1, 2, 3

|  |  |  |  |
| --- | --- | --- | --- |
| **Project: Pharmacy** | | | **Date of preparation of activity plan:** |
| **#** | **Task** | **Prepared by** | **Status** |
| **1** | Coding Review 1 | Hoang Gia Huy | Completed |
| **2** | Coding Review 2 | Hoang Gia Huy |
| **3** | Coding Review 3 | Hoang Gia Huy |
| **4** | Document | Hoang Gia Huy  &  Tran Nhat Linh |
| **5** | PowerPoint | Nguyen Anh Minh |
| **6** | Video | Nguyen Anh Quan |
| Review | | | Signature of instructor |
|  | | |  |
|  | | | **Mr. Pham Cong Danh** |

# CODE PART

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project: Pharmacy** | | **Date of preparation of activity plan:** | | |
| **#** | **Code Part** | **Main Coder** | **Supporter** | **status** |
| **1** | Login | Hoang Gia Huy | N/A | Completed |
| **2** | Register | Hoang Gia Huy | N/A | Completed |
| **3** | Forgot Password | Hoang Gia Huy | N/A | Completed |
| **4** | Email | Hoang Gia Huy | Nguyen Anh Minh | Completed |
| **5** | Admin Dashboard | Tran Nhat Linh | N/A | Completed |
| **6** | Staff Dashboard | Tran Nhat Linh | N/A | Completed |
| **7** | Order Transaction | Tran Nhat Linh | N/A | Completed |
| **8** | Category | Nguyen Anh Minh | N/A | Completed |
| **9** | Import Medicine Details | Nguyen Anh Minh | N/A | Completed |
| **10** | Import Order Receipt | Doan Duc Do | N/A | Completed |
| **11** | Supplier | Doan Duc Do | N/A | Completed |
| **12** | Account | Nguyen Anh Minh | N/A | Completed |
| **13** | Export PDF | Nguyen Anh Minh | N/A | Completed |
| **14** | Staff | Nguyen Anh Quan | N/A | Completed |
| **15** | Payroll | Nguyen Anh Quan | N/A | Completed |
| **16** | Timekeeping | Nguyen Anh Quan | N/A | Completed |
| **17** | Check in-out | Nguyen Anh Quan | Nguyen Anh Minh | Completed |
| **18** | Search | Nguyen Anh Quan  &  Nguyen Anh Minh  &  Tran Nhat Linh | N/A | Completed |
| **19** | Customer | Tran Nhat Linh | N/A | Completed |
| Review | | Signature of instructor | | |
|  | |  | | |
|  | | **Mr. Pham Cong Danh** | | |