

UPHARMA

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Introduction:

Welcome to **UPHARMA**, a pharmacy management system designed to streamline and enhance pharmacy operations. **UPHARMA** is a web-based solution tailored to meet the needs of pharmacists, administrators, and clients. It simplifies the management of medicines, suppliers, pharmacists, and clients, ensuring efficiency, reliability, and security.

The website offers:

- A responsive and user-friendly interface for accessibility across devices.
- Separate views for admins and pharmacists to ensure role-specific functionality.
- Key features such as inventory control, supplier management, client tracking, and detailed purchase histories.
- **UPHARMA** aims to minimize errors, save time, and provide accurate data handling, making it a robust system for modern pharmacies.

Dashboard:

The screenshot shows the UPHARMA dashboard interface. At the top, there's a navigation bar with the UPHARMA logo, a search bar, and a user profile for 'Hello haneen'. Below the header, the main dashboard area has several sections: 'Clients' (30), 'Pharmacists' (7), 'Medicine' (118), 'Suppliers' (16), 'Expired Medicines' (Paracetamol, Ibuprofen), and 'Out Of Stock' (Paracetamol). A 'Top Medicines' table lists the following data:

#	Medicine Name	Price	Quantity
1	Paracetamol	2.50	0
2	Amoxicillin	5.00	23
3	Omeprazole	4.50	85
4	Vitamin C	2.00	300
5	Vitamin D	1.80	215

Below the table, there are 'News & Updates' and 'Charts' sections.

Top Medicines

#	Medicine Name	Price	Quantity
1	Paracetamol	2.50	0
2	Amoxicillin	5.00	23
3	Omeprazole	4.50	85
4	Vitamin C	2.00	300
5	Vitamin D	1.80	215

News & Updates | CHARTS

Daily Sales

News & Updates | BLOGS

- The Importance of Nutrition in Mental Health**
From a young age, we're taught that eating well helps us look and feel our physical best..
- The Importance of Nutrition in Mental Health**
Throughout history, we haven't completely understood the relationship..
- The Evolution of Vaccines: From Smallpox to COVID-19 Introduction**
The systematic study of the evolution of the concept of vaccination constitutes a fascinating journey
- The Importance of Nutrition in Mental Health**
Eating well - a balanced diet full of vegetables and nutrients - can improve your sense of well-being and mood.
- The Importance of Medicine**
The role of medicine has been described as 'to cure sometimes, to heal often and to comfort always'.

The **Dashboard Page** in **UPHARMA** is designed to provide key insights and functionalities at a glance:

- **Cards:** Display counts for clients, pharmacists, medicines, suppliers, expired medicines (text), and out-of-stock medicines (text).
 - **Blog Section:** Highlights updates, tips, and announcements.
 - **Tables:**
 - **Top Medicines:** Lists medicines with a rating of 5.
 - **Latest Clients:** Shows recently added clients.
 - **Charts:** Weekly sales tracking for clear visual insights.
- This dashboard ensures streamlined access to critical data for admins and pharmacists.

MAIN PAGES

UPHARMA Your health Our Priority

Hello haneen

Pharmacist with email hadeelalmahmeed2@gmail.com already exists in the registration table.

New

ID	First Name	Last Name	Email	Phone	Password	Address	Shift Start	Shift End	Hours per Week	Employment Status	CV	Date Hired	Salary	Role	Actions
5	yousef	yousef	yousefhassan@gmail.com	0790476296	pharmacist234567	jordan	08:00:00	00:00:00	20	full time	uploads/csv/assignment_1_haneenkhalder_compiler.pdf	2024-12-11	300.00	pharmacist	
13	adam	mohamad	adam@gmail.com	1523684597	adminAdam124	amman-balad-st22-13	08:00:00	00:00:00	20	full time	uploads/csv/1733871801_Lecture 02 Lexical Analysis 1st 24-25.pdf	2024-12-11	400.00	admin	
15	ahmad	hassan	dr.ahmadhassan@gmail.com	1258743691	ahmadhassan1995Pharmacist	jordan	10:00:00	17:00:00	40	full time	uploads/csv/1734594262_top_10176916.png	2024-12-19	300.00	pharmacist	
16	haneen	khader	haneenkhaledkhader2003@gmail.com	0790476296	adminHaneen123	jordan	12:00:00	15:00:00	15	part time	uploads/csv/1734594631_top_10176916.png	2020-12-19	500.00	admin	
19	abdralrahmann	rashad	abdralrahmannrashad@gmail.com	1209387476	pharmasictAbd#1999	jordan	08:00:00	15:00:00	35	full time	uploads/csv/173478398_black-background.jpg	2024-12-21	300.00	pharmacist	

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UPHARMA Your health Our Priority

Hello haneen

New

ID	First Name	Middle Name	Last Name	Date of Birth	allergies	Conditions	Medicines	Email	Phone	Actions
1	Ali	Ahmed	Hassan	1990-05-10	Peanuts	Asthma	Ventolin	ali.hassan@test.com	1234567890	
2	Fatima	Mohamed	Youssef	1988-03-25	Penicillin	Diabetes	Insulin	fatima.youssef@test.com	9876543210	
3	Omar	Adel	Khaled	1995-07-14	None	Hypertension	Amlodipine	omar.khaled@test.com	1122334455	
4	Huda	Ibrahim	Saeed	1993-09-22	Dust	Allergic Rhinitis	Cetirizine	huda.saeed@test.com	2233445566	
5	Khaled	Samir	Nasser	1991-11-01	Seafood	Hyperlipidemia	Atorvastatin	khaled.nasser@test.com	3344556677	

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UPHARMA Your health Our Priority

Hello haneen

New

ID	Supplier Name	Company Name	Items Ordered	Quantity	Date of Order	Time of Order	Pharmacist In Charge	Total Cost	Order Status	Payment Status	Role	Email	Phone	Actions
1	Ahmed Al-Khalifa	Khalifa Pharma Co.	Paracetamol, Ibuprofen	50	2024-12-10	10:30:00	Dr. Sara Ali	500.00	Delivered	Completed	Employee	ahmed.khalifa@example.com	01234567890	
2	Hassan El-Amrani	Amrani Medics	Antibiotics, Cough Syrup	100	2024-12-08	15:45:00	Dr. Mona Ahmed	1500.00	In Process	Pending	Employee	hassan.amrani@example.com	01123456789	
3	Fatima Bin-Zayed	Zayed Pharma Group	Vitamins, Supplements	75	2024-12-07	09:15:00	Dr. Omar Hassan	750.00	Cancelled	Overdue	Employee	fatima.zayed@example.com	01345678901	
4	Youssef Al-Qassem	Qassem Medical Supplies	Syringes, Bandages	200	2024-12-06	11:20:00	Dr. Layla Karim	1200.00	Delivered	Completed	Employee	youssef.qassem@example.com	01456789012	
5	Layla Al-Rashid	Rashid Pharma	Insulin, Glucose Monitors	30	2024-12-05	16:50:00	Dr. Kareem Ismail	3000.00	In Process	Pending	Employee	layla.rashid@example.com	01567890123	

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UPHARMA Your health Our Priority

Hello haneen

New

ID	Drug Name	Price	Quantity	Production Date	Expiration Date	Drug Information		Side Effects	Medical Condition	Drug Rating	Dosage Form	Strength	Actions
1	Paracetamol	2.50	0	2013-10-01	2015-10-01	Pain reliever and fever reducer		Nausea, rash	Headache, fever	5	Tablet	500 mg	
2	Ibuprofen	3.00	126	2020-08-15	2023-08-15	Anti-inflammatory and pain reliever		Stomach upset	Inflammation, pain	4	Capsule	200 mg	
3	Aspirin	1.50	183	2023-09-20	2025-09-20	Pain reliever and blood thinner		Bleeding, nausea	Pain, heart conditions	3	Tablet	100 mg	
4	Amoxicillin	5.00	29	2024-01-01	2025-12-01	Treats bacterial infections		Diarrhea, rash	Infections	5	Capsule	250 mg	
5	Ciprofloxacin	7.50	80	2023-11-15	2025-11-15	Broad-spectrum antibiotic		Nausea, headache	Infections	4	Tablet	500 mg	

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TABLES :

UPHARMA features interactive tables for managing suppliers, pharmacists, clients, and medicines, ensuring efficient data handling and organization.

Common Features:

- **Pagination:** All tables support pagination for easy navigation through large datasets.
- **CRUD Operations:** Users can create, read, update, and delete records seamlessly, with real-time updates to the database.

Specific Tables:

• Pharmacists Table:

- Displays first name, last name, work details, and email.
- When a new pharmacist is added, their first name, password, role, and email are automatically linked to the registration database for secure login management.

• Clients Table:

- Lists client details, including personal information, medical history, and contact details.

• Medicines Table:

- Manages inventory with fields for medicine name, price, quantity, production/expiration dates, and ratings.

• Suppliers Table:

- Tracks supplier names, company details, and order history, ensuring streamlined procurement processes.

These tables are designed for maximum usability, with intuitive controls and robust database integration.

How To Add A New Client Form

Forms in UPHARMA

The forms in **UPHARMA** are designed to simplify data entry and management across key areas of the pharmacy system. Each form is intuitive, user-friendly, and ensures data integrity.

Key Features:

- **Add Client Form:** Collects details like name, contact information, medical history, and more to efficiently manage client records.
- **Add Medicine Form:** Captures critical details such as medicine name, price, quantity, production/expiration dates, and dosage information for inventory management.
- **Add Supplier Form:** Records supplier details, including name, company, and contact information, to ensure smooth supplier relationships.
- **Add Pharmacist Form:** Registers pharmacists with their personal and professional information, enabling role-specific access to the system.

All forms include validation checks and are integrated with the database to ensure accurate and secure data handling. They support quick additions, making the process seamless for admins.

Create New Client

First Name:
Enter your first name

Middle Name:
Enter your middle name

Last Name:
Enter your last name

Date of Birth:
mm/dd/yyyy

allergies:
Enter your allergies or none if you don't have any

Conditions:
Enter your diseases or none if you don't have any

Medicines:
Enter your drugs or none if you don't take any

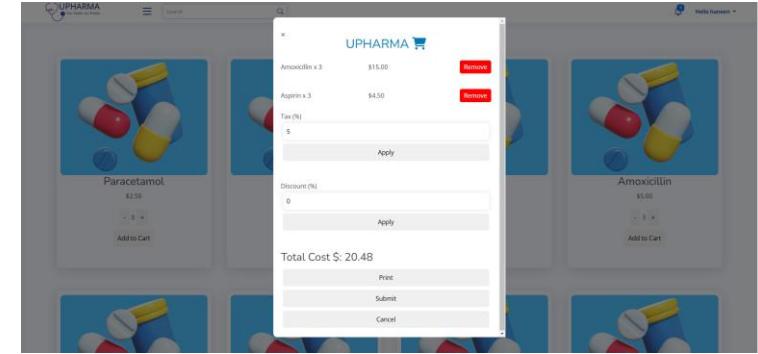
E-mail:
Enter your email

Phone number:
Enter your phone number

Submit

Cancel

STOCK



Stock Page

The **Stock Page** in **UPHARMA** simplifies medicine management and purchase tracking for admins and pharmacists.

Key Features:

- Medicine Cards:**
 - Each card displays the medicine name, price, quantity, and buttons to add or subtract quantities ($-$ quantity ordered $+$).
 - Includes an "Add to Cart" button to add the selected medicine, quantity, and total cost to the cart form.
- Cart Form:**
 - Add or remove specific drugs using dedicated buttons.
 - Apply tax, discounts, or both with "Apply" buttons.
 - Displays the total cost and allows printing of the purchase invoice with a "Print" button.
 - Add more medicines by closing the form or cancel the entire process with a "Cancel" button.
 - Submit the purchase to:
 - Save it in the **purchase_invoice** table.
 - Update the **history section**.
 - Automatically decrease the medicine quantity in the **Medicines Table**.
- Purchase Invoices History Section:**
 - Displays all purchase invoices along with their dates.
 - (Optional) Add a `created_at` attribute to show the correct time instead of zeros.

This page ensures smooth inventory handling, purchase tracking, and real-time updates.

Purchase History					
Purchase Date	Cart Items	Tax	Discount	Total Cost	
2024-12-21 00:00:00	Ibuprofen (3)	0.00%	0.00%	\$9.00	
2024-12-21 00:00:00	Clofibrate (3), Codene (2)	0.00%	0.00%	\$30.00	
2024-12-20 00:00:00	Amoxicillin (3)	0.00%	0.00%	\$15.00	
2024-12-20 00:00:00	Aspirin (4)	0.00%	0.00%	\$6.00	
2024-12-20 00:00:00	Amoxicillin (3), Clofibrate (2)	0.00%	0.00%	\$27.00	
2024-12-20 00:00:00	Ibuprofen (2)	0.00%	0.00%	\$6.00	
2024-12-20 00:00:00	Ibuprofen (2)	0.00%	0.00%	\$6.00	
2024-12-20 00:00:00	Aspirin (2)	0.00%	0.00%	\$3.00	
2024-12-20 00:00:00	Ibuprofen (3)	0.00%	0.00%	\$9.00	
2024-12-20 00:00:00	Clofibrate (4), Carbamazepine (3)	0.00%	0.00%	\$40.00	
2024-12-20 00:00:00	Amoxicillin (3)	0.00%	0.00%	\$15.00	
2024-12-20 00:00:00	Amoxicillin (3), Aspirin (4)	0.00%	5.00%	\$19.95	
2024-12-20 00:00:00	Aspirin (3), Amoxicillin (3), Clofibrate (2)	5.00%	5.00%	\$31.42	
2024-12-20 00:00:00	Amoxicillin (3), Omepazole (2)	5.00%	15.00%	\$16.96	

TEAM NOTES:

The **Notes Page** (or **Notes Hub**) allows all users to create and manage shared notes.

Features:

- **Add Notes:**

- Write a note using the text input field and click "Add Note" to save it to the database and display it on the page.

- **Manage Notes:**

- **Complete Checkbox:** Mark a note as done (updates in the database).
- **Delete Checkbox:** Remove unwanted notes (deletes from the database).

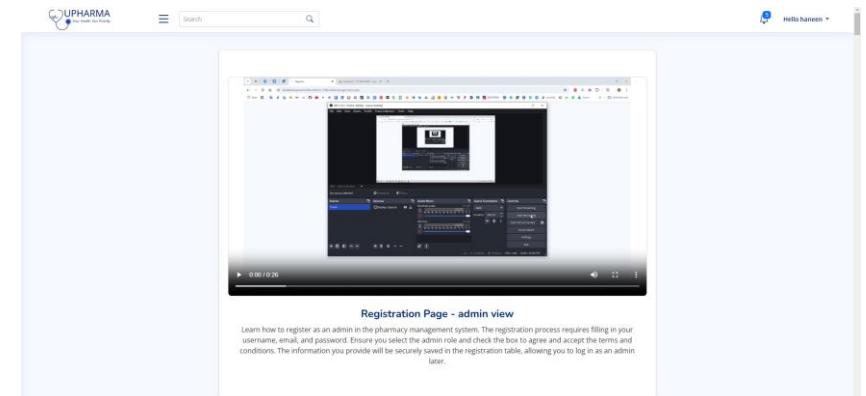
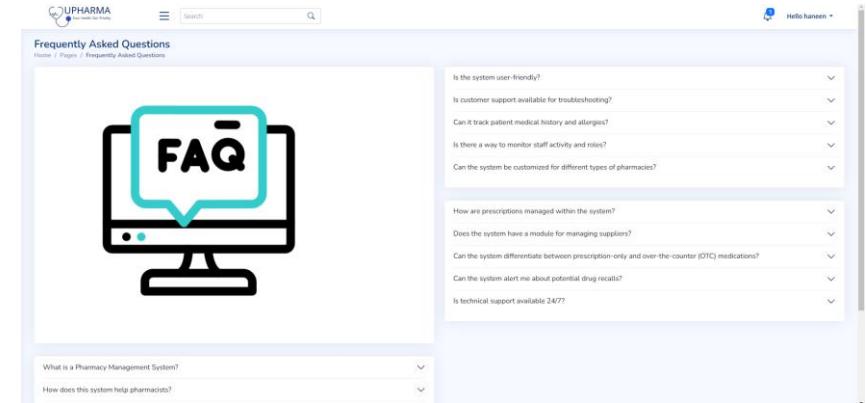
The screenshot shows a web-based application interface for managing team notes. At the top, there is a header with the UPHARMA logo, a search bar, and a user profile indicator for 'Hello haneen'. Below the header, a main title reads 'Share notes with other pharmacists here'. A text input field labeled 'Write a new note...' is present. To the right of this field is a grey button labeled 'Add Note'. Below the input field, there is a list of four existing notes, each with a yellow 'Edit' icon and a red 'Delete' icon. The notes are as follows:

- write a new report about heart diseases , write a new report about heart diseases ,write a new report about heart diseases write a new report about heart diseases ,write a new report about heart diseases ,write a new report about heart diseases write a new report about heart diseases ,write a new report about heart diseases ,write a new report about heart diseases
- make a new report , u can edit this note , also all pharmacists can see this note
- hello this is a test , can u see the edit
- hello hadeel nice to meet u , i love u

At the bottom right of the notes area, there is a small copyright notice: '© Copyright UPHARMA 2025'.

FAQ & HELP

- **FAQ Page:** Displays frequently asked questions about the website.
 - Users can click an arrow next to each question to reveal the answer.
- **Help Page:** Provides videos and images with descriptions.
 - Guides users on how to use the website, ensuring a smooth experience.



HOME

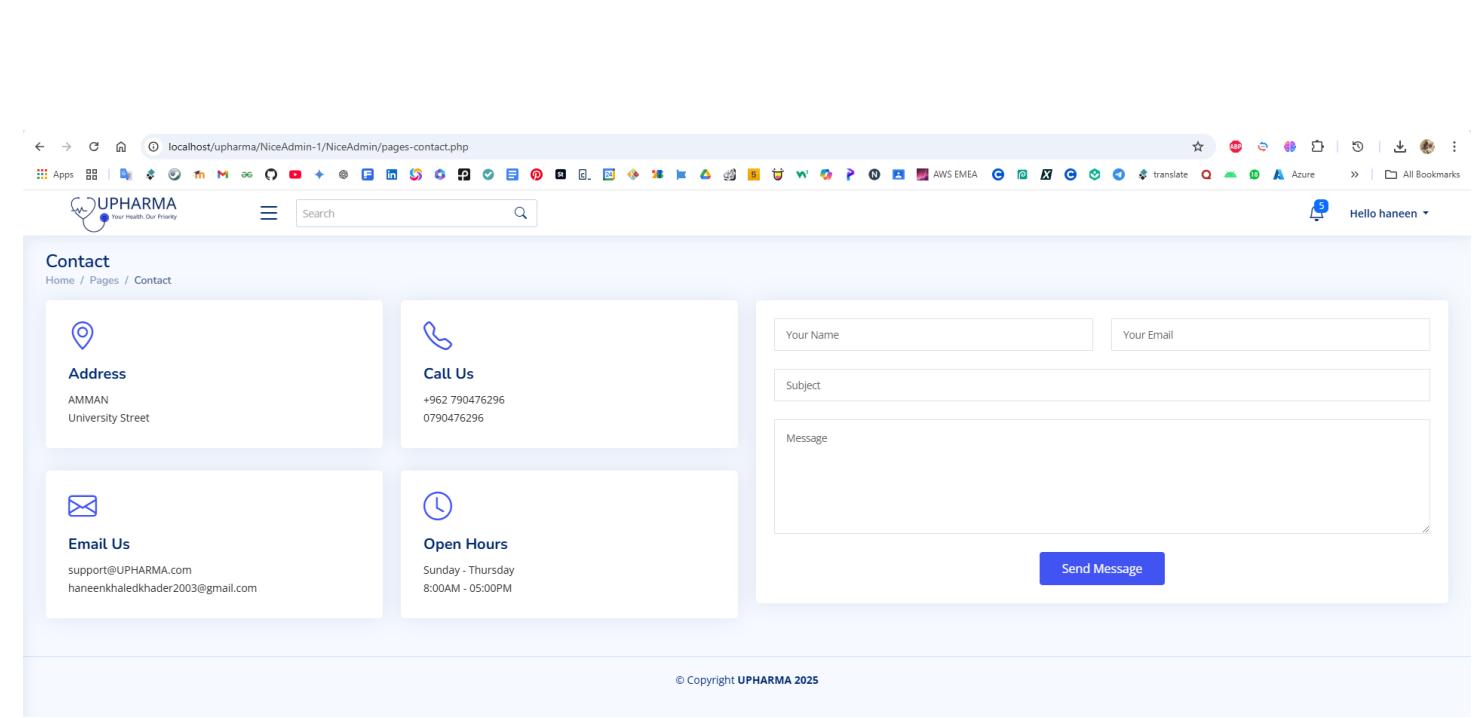
The **Home Page** serves as the introduction to the website.

- It highlights key features and provides general information about the pharmacy.
- Users can log in from this page.
- Includes a static store section and details about the development team, along with a link to the FAQ page.

The image displays a collage of screenshots from the UPHARMA website, illustrating its various sections:

- Home Page:** Shows a large banner image of a POS terminal. Below it, the text reads: "Welcome to UPHARMA. Your trusted partner in the pharmaceutical industry. We offer an efficient management system to streamline the process of medicine procurement, distribution, and client management."
- Store Page:** Displays a grid of product categories. The first row includes "Anti dandruff shampoo" (with an "Add to cart" button) and "SHAMPOO". The second row includes "SHAMPOO" (with an "Add to cart" button) and "SHAMPOO" (with an "Add to cart" button). The third row includes a "J&J Baby" product and a "Multivitamin Gummies" product.
- Team Page:** Shows three circular profile pictures of the development team: Haneen Khader (BackEnd Developer), Haneen Khader (BackEnd Developer), and Haneen K (Design).
- FAQ Page:** Features a large icon of a computer monitor with a speech bubble containing the letters "FAQ". To the right is a list of frequently asked questions with dropdown arrows:
 - Is the system user-friendly?
 - Is customer support available for troubleshooting?
 - Can it track patient medical history and allergies?
 - Is there a way to monitor staff activity and roles?
 - Can the system be customized for different types of pharmacies?
 - How are prescriptions managed within the system?
 - Does the system have a module for managing suppliers?
 - Can the system differentiate between prescription-only and over-the-counter medications?
 - Can the system alert me about potential drug recalls?
 - Is technical support available 24/7?

CONTACT



- The **Contact Form** allows users to send messages to the admin. Fields include name, email, subject, and message.
- When the user clicks "Send Message," the message is sent directly to a designated Gmail account for follow-up.

REGISTRATION, NOTIFICATIONS & DETAILS

Registration:

In **UPHARMA**, users can register as either an **admin** or a **pharmacist**, with each role having different privileges to suit their responsibilities. The system ensures that users have access to features relevant to their role, allowing smooth management and operations.

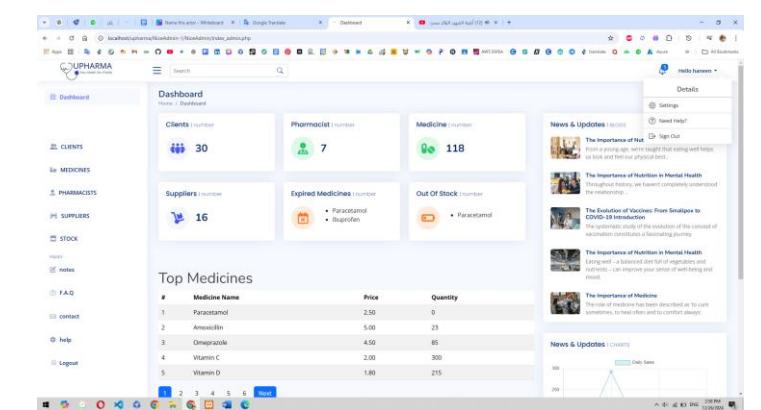
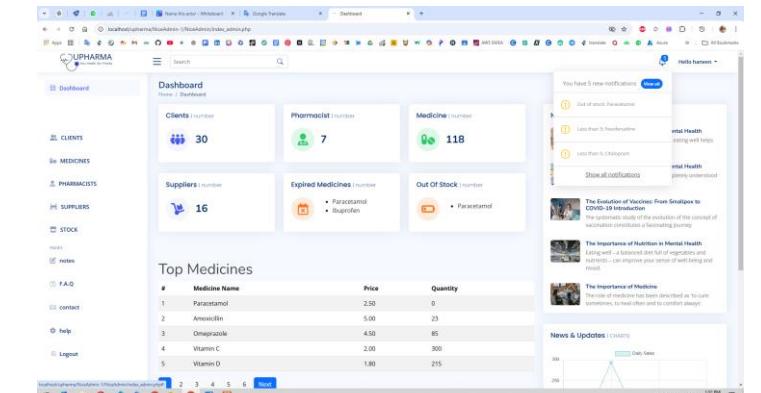
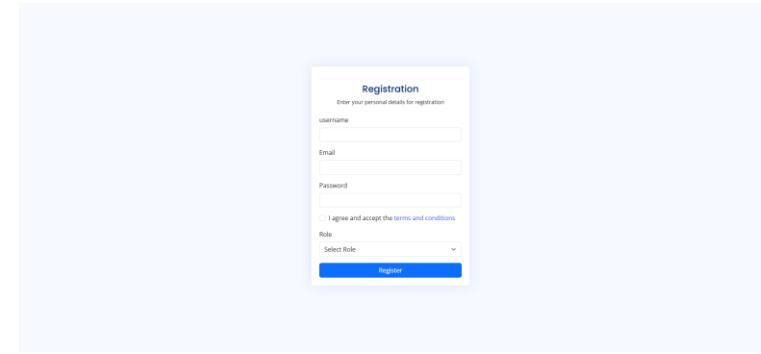
Notifications

The **Notifications** section alerts users about critical issues like medicines that are **out of stock**, **expired**, or have **quantities less than 5**. These notifications help users stay informed and manage inventory efficiently.

Details Dropdown Menu

The **Details** dropdown menu offers quick access to essential pages such as:

- **Logout**
- **FAQ Page**
- **Help Page**
- This menu streamlines navigation for a better user experience.



Scheduling of projects phases



Task	Timeline
Searching for idea and planning	Month 1
Learning and using Python and Flask	Month 2
Working on Front-End and Back-End Development (PHP)	Month 3
Medical exams (project paused)	2 weeks in Month 3
Backend refinement and documentation	Month 4

Logo

The **UPHARMA** logo represents the core values of the pharmacy management system, symbolizing health, trust, and efficiency. It serves as a visual representation of the system's purpose: to provide a streamlined and user-friendly platform for managing pharmacy operations, from medicines and suppliers to clients and pharmacists. The logo is designed to be simple yet professional, reflecting the reliable and modern approach that **UPHARMA** offers to its users.



Conclusion

UPHARMA is a comprehensive pharmacy management system designed to optimize and simplify pharmacy operations. With features tailored for both admins and pharmacists, the system ensures effective management of inventory, clients, suppliers, and pharmacists. The user-friendly interface, role-based access, and real-time notifications provide a seamless experience for all users, helping pharmacies maintain smooth operations and high-quality service. **UPHARMA** is a reliable tool for modernizing pharmacy management and improving efficiency in daily tasks.



Thank You Message to My Doctors

I would like to extend my heartfelt thanks to all my doctors for their unwavering support, hard work, and dedication. Your guidance has not only shaped my knowledge but has also inspired me to push forward and always strive for excellence. I am truly grateful for the lessons you've taught me, both professionally and personally, and for being a constant source of motivation. Your encouragement has been invaluable, and I will forever be grateful for your belief in me. Thank you for being my mentors and supporters on this incredible journey.

