



MyPharmacy is a Java-based web application designed to manage the availability and tracking of medicines in a pharmacy. It provides modules for users, pharmacists, and admins to ensure a streamlined flow of medicine requests, approvals, inventory management, and administrative control.

Features

User Panel

- Register and login securely
- Search available medicines
- Request medicines from pharmacists
- View request status and responses

Pharmacist Panel

- Register/login as pharmacist
- View and manage medicine inventory
- Approve or reject user requests
- View pending and approved requests
- Change password

Admin Panel

- Admin login
 - View and manage pharmacist accounts
 - Delete pharmacist profiles
 - Edit overall inventory
-

Tech Stack

- **Frontend:** HTML, CSS, JSP
 - **Backend:** Java Servlets
 - **Database:** MySQL
 - **Server:** Apache Tomcat
 - **Build:** WAR deployment
-

Project Structure

```
MyPharmacy.war
├─ index.html
├─ userlogin.html
├─ pharmdashboard.html
├─ adminlogin.html
├─ *.jsp (dynamic views)
├─ WEB-INF
│   └─ web.xml (deployment descriptor)
└─ META-INF
```

How to Run the Project

Prerequisites

- Java JDK (8 or above)
- Apache Tomcat (v9+ recommended)
- MySQL Server
- MySQL Workbench or phpMyAdmin (for DB setup)
- WAR deployment-compatible IDE (Eclipse, IntelliJ, etc.)

Step-by-Step Guide

1. Clone or Download the Repository

```
git clone https://github.com/sumit293/MyPharmacy.git
```

1. Set Up the Database

2. Open MySQL Workbench

3. Create a new database (e.g., `pharmacy_db`)

4. Import the provided `.sql` file with all required tables and dummy data (if available)

5. Configure Database Connection

6. Locate the DB config file (e.g., `dbconfig.jsp` or `connection.jsp`)

7. Update it with your local MySQL username, password, and DB name

8. Deploy the WAR File

9. Copy `MedicineAvailTrackerAdv.war` to Tomcat's `webapps/` folder

10. Start Tomcat using `startup.bat` or from your IDE

11. Open browser and go to:

```
http://localhost:8080/MedicineAvailTrackerAdv
```

12. **Login**

13. Use default credentials or create new users/pharmacists via registration forms

Screenshots (Optional)

Add screenshots of login, dashboards, request views, etc.

Credits

- Developed by: [Sumit293](#)
-

License

This project is licensed under the MIT License.

Feel free to contribute, fork, or raise issues! ❤️