

# User Documentation

*Hela Weda Piyasa Ayurvedic Hospital*

Team Software Project Group 08S

Level - 3

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# **Copyright's Statement**

## **Component:**

Hela Weda Piyasa Ayurvedic Hospital Management System.

## **Component Copyright Notice:**

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## **License Text:**

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# Executive Summary

## ❖ Outcome to be achieved

At present, there are lots of private hospitals available to provide medical services. People are seeking private hospitals as they believe that the private hospitals are providing higher quality treatment than government hospitals. This is the online system that can bring more advantages for the doctors, patients etc.

## ❖ Users

There are mainly 5 users. They are Patient, Doctors, Pharmacist, Medicine Producers, Ingredient suppliers. Additionally, there is an admin also available to control some particular activities.

## ❖ Problem Statement

### ➤ Patients

- Nowadays, if a patient wants to see a doctor, they should book before. So they need to visit to hospital and book.
- If they want to buy medicines they need to go to that pharmacy.
- There is no way to send their current condition to corresponding doctors.
- Now, we have clinic books to see past histories. In case, if the book is missed, no way to get back

### ➤ Doctors

- Normally, doctors write prescription in papers. So patient should carry the paper to pharmacist.
- To keep admitted patient record we need to maintain a big ledger book.
- Doctors want to update the admitted patient records to give medicines to them.

- If doctor will be late or unable to come, he should inform to the staffs.
- Doctor doesn't aware himself how many patients are going to come today.

➤ **Pharmacist**

- Pharmacist is not aware of medicine stocks. When will be expired? , how many stocks are there?
- Pharmacist should ask with patient the prescription or medicine details and he need to calculate the bill.
- Pharmacists are unaware about the amount of medicines and expiry date of medicines available in the stock.

➤ **Medicine Producer**

- He should maintain a medicine table manually.
- He should maintain ingredient table manually.
- If he creates a new medicine he should acknowledge to pharmacists.
- When ingredients finish in stock he will say to suppliers.
- He may be forgotten to issue order. So he should maintain orders table manually also which is from pharmacist.

➤ **Ingredient Suppliers**

- He should manage what ingredients stock has and maintain orders from producers.

❖ **Solution**

➤ **Patients**

- Patients can simply book a doctor and order medicines from anywhere rather than go directly to the hospital.
- They can send their symptoms, as text, images even as audio file.

- No need to check any clinic books to see what the doctor said in last meeting.

➤ **Doctors**

- Doctors can pass the prescription to pharmacist via online.
- Patients can be admitted at hospital via/through this system.
- Daily updates also can be added through system.
- Doctors can see patients' symptoms through this system and they can suggest the solution.
- Simply they can watch how many appointments they have today.
- They can update the availability time.

➤ **Pharmacists**

- Pharmacists are going to aware of medical stock through this system.
- They don't need to calculate the bill amount. System will do.
- They can see the requested orders from patients and doctors.
- They can order medicines via online to medicine producer.

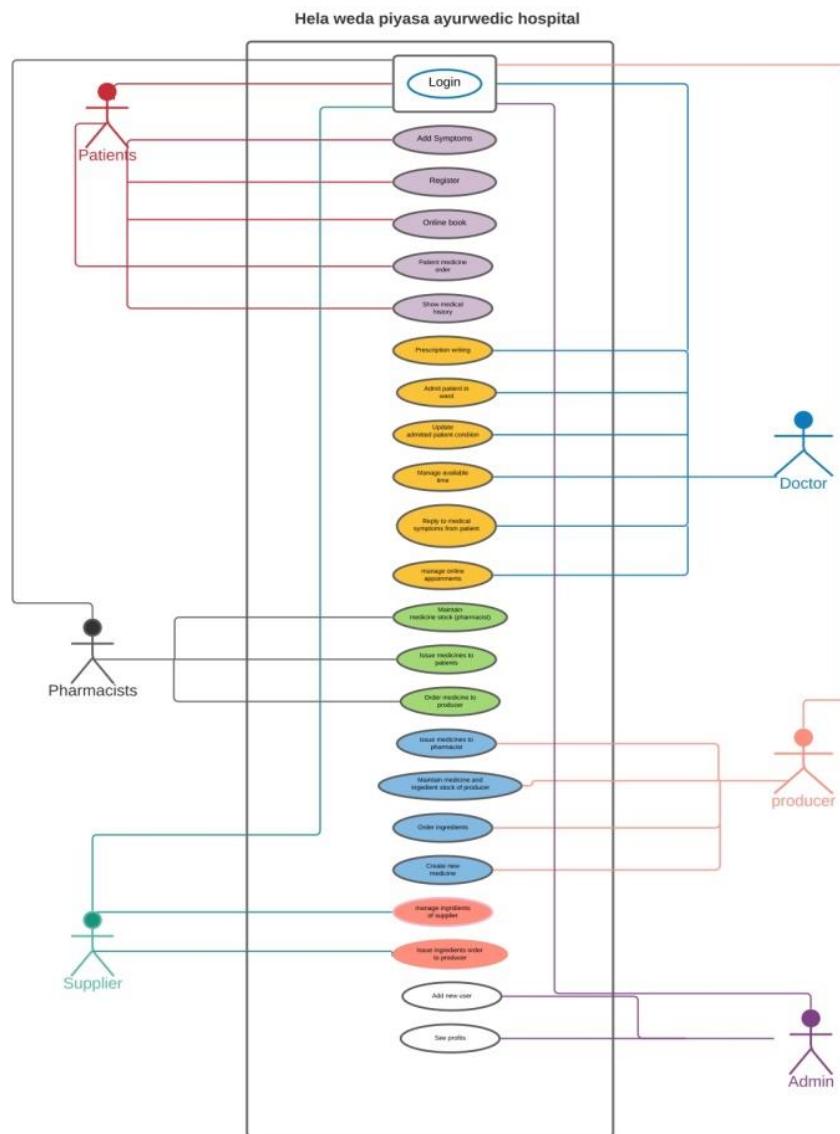
➤ **Medicine Producer**

- Medicine and ingredient table will be maintained in their database.
- He can able to acknowledge to pharmacist, when pharmacist requires new medicine.
- Orders from pharmacist will be maintained.
- Producer can place order to supplier when ingredients are finished.

➤ **Ingredient Supplier**

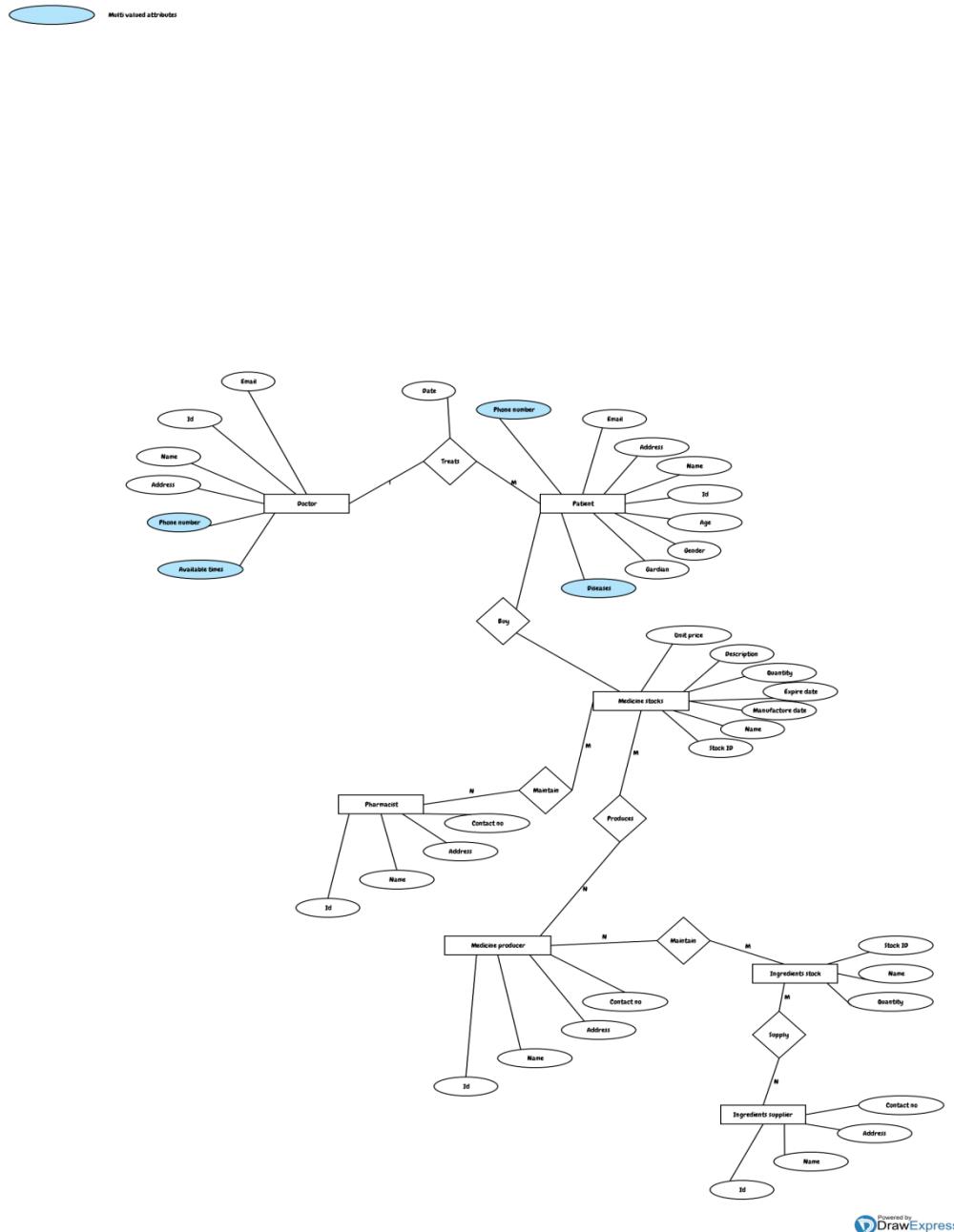
- Supplier can manage his ingredient stocks and can see the ingredients order details from medicine producer.

## Usecase Diagram



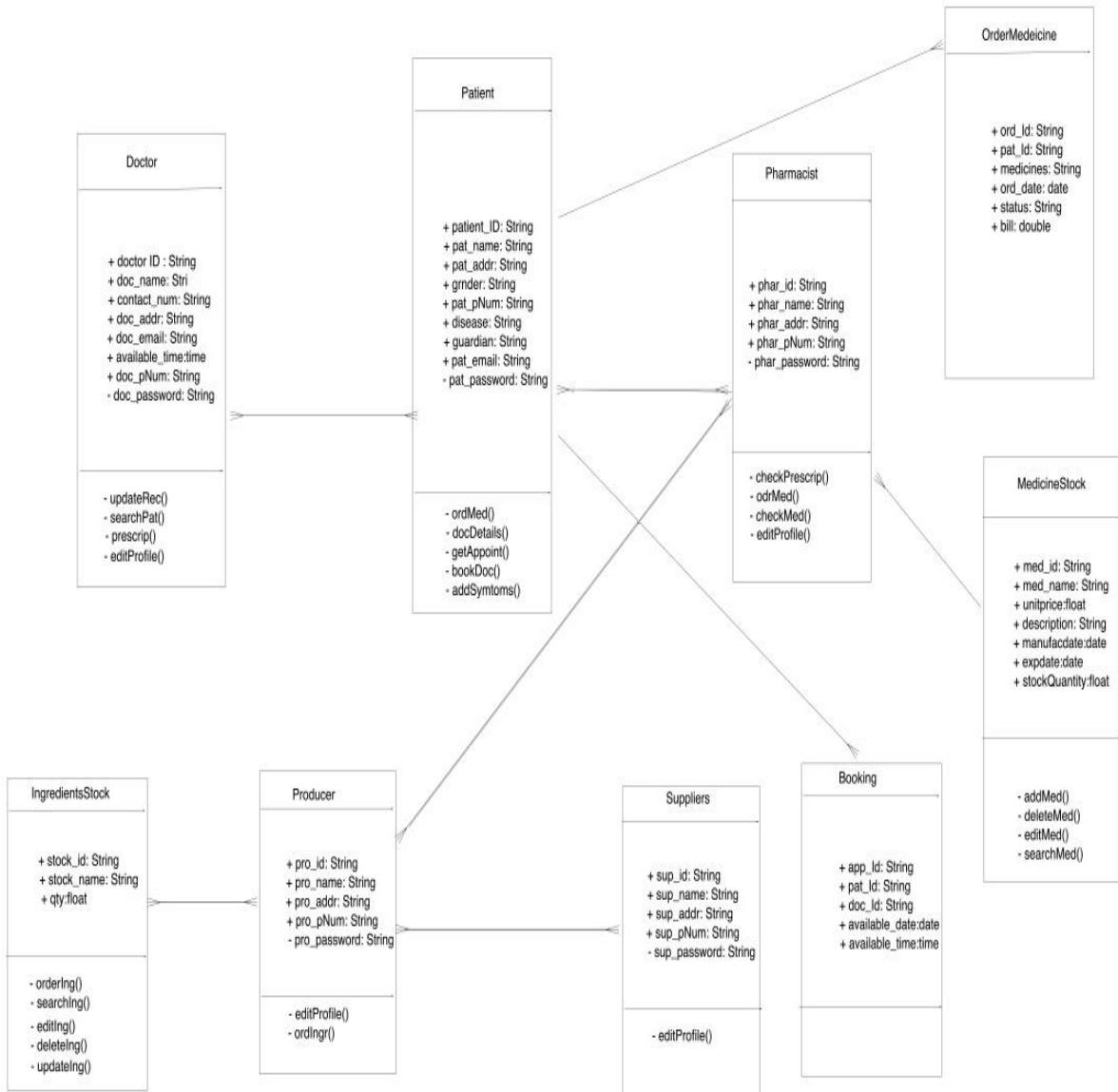
See Original PDF of usecase diagram in github

## ER Diagram



See Original image of ER diagram in github

# Class Diagram



See Original image of Class diagram in github

# Team Information

This web system is developed by the following team members.

1. Elackshana M. - [elackshana@gmail.com](mailto:elackshana@gmail.com) 2017CSC018(Database Design)
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Github Repository link : <https://github.com/afrid029/TeamSoftwareDevelopmentGroup08.git>

Blog: <https://umafd.blogspot.com/2021/04/hela-weda-piyasa-ayurvedic-hospital.html>

Customer: Mrs. Mala Gunawardhane, Hulandawa, Monaragala.

Supervisor: Ms. Samantha Tharani Jayakumar.

# Software License

We are using following softwares.

- PHP – version 7.4.10
- Laravel – version 4.1.1
- Composer – version 1.10.13
- Apache – version 2.0
- Microsoft Visual Studio Code – version 1.52.1
- Mysql – version 10.4.14

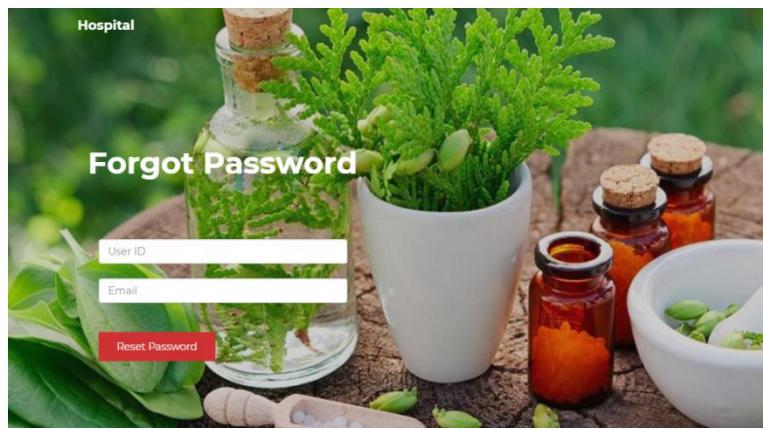
# Graphical User Interface

## Registration



- Patients can register themselves here.
- They should fill all fields here. Otherwise they cannot register. It will be showing message.
  - If they don't fill phone number field, then it will show "**Phone Number is empty**".
- The patient id will be given while they registering. So they can use it for login to system.
- Other users can be only registered by admin.

## Reset Password

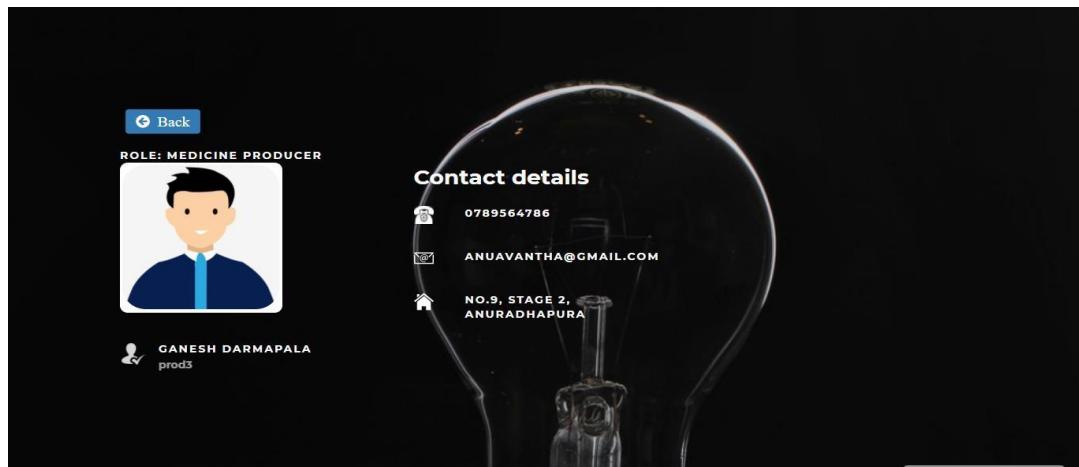


- If a user forgot his password he can reset by providing user id and his corresponding mail that he gave already in his profile.
- A new password will be generated and sent to his mail by system.

## Login



- A login page is a web page or an entry page to a website that requires user identification and authentication, regularly performed by entering a username and password combination. Logins may provide access to an entire site or part of a website.
- All users must register for this service before availing it. A user can enter this website by entering the password related to the name he will receive during registration.



- User's information, contact details and address are here.

## Test Cases

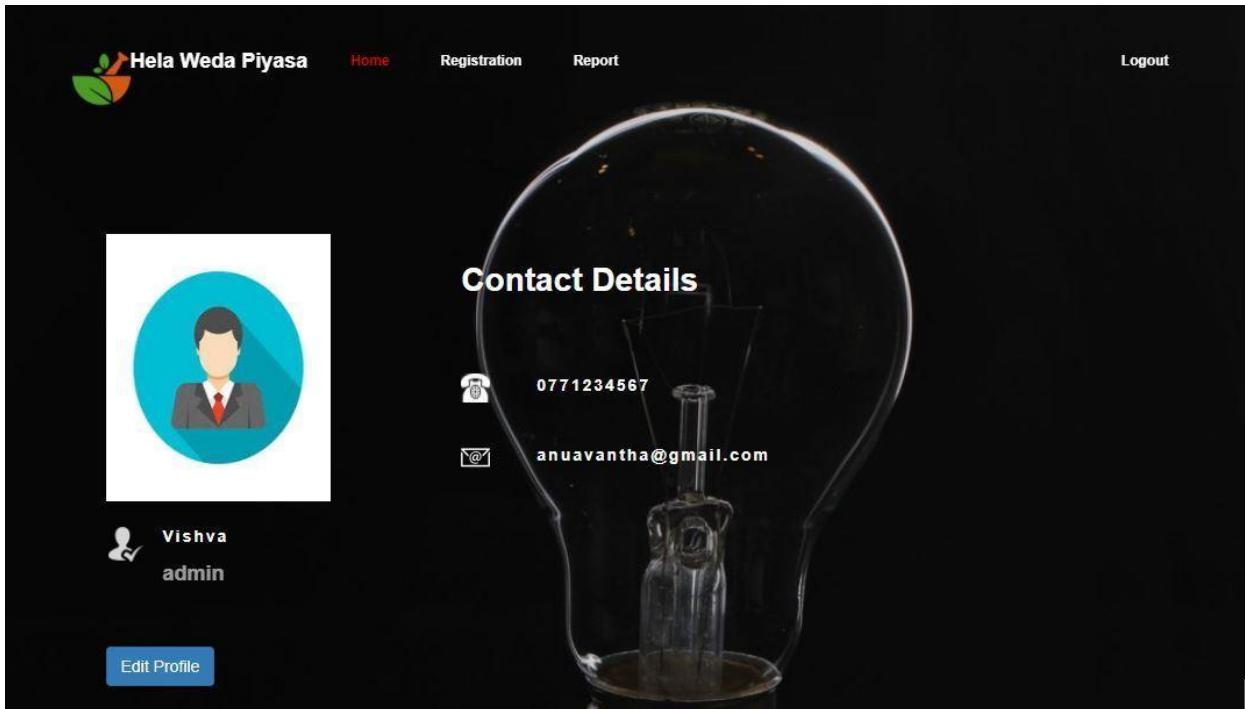
- If the user enters a valid user name or password, then he can enter the system.
- If he enter an invalid user name or password, then it will indicate a message “wrong password or username”

## Admin's UI

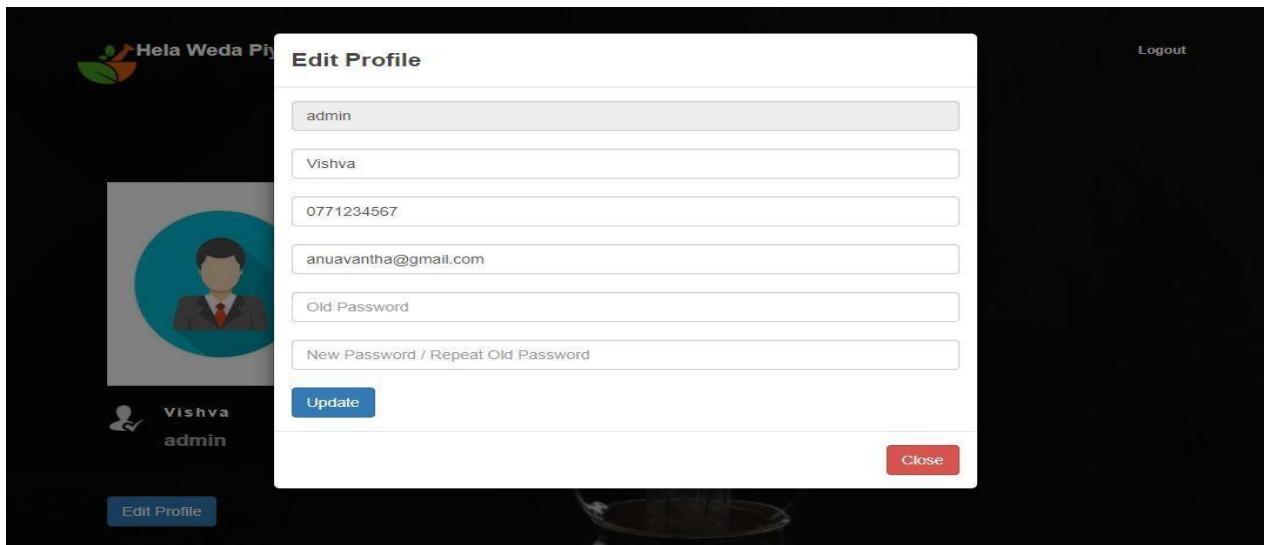
The UI of admin has 3 features.

1. **Home**
2. **Registration**
3. **Report**

### 01. Home



- In this page the user (admin) can insert or edit his details using the 'Edit Profile' button.
- If user clicks the 'Edit Profile' button, it will show a form. He can add or update his details on this.



- In this form user should fill his name, phone number, email, old password and new password.
- If he fails to fill, it will show an error message.
  - E.g. Phone number is required, email is required.
- If the old password is wrong it'll show, "**Old password is wrong**".

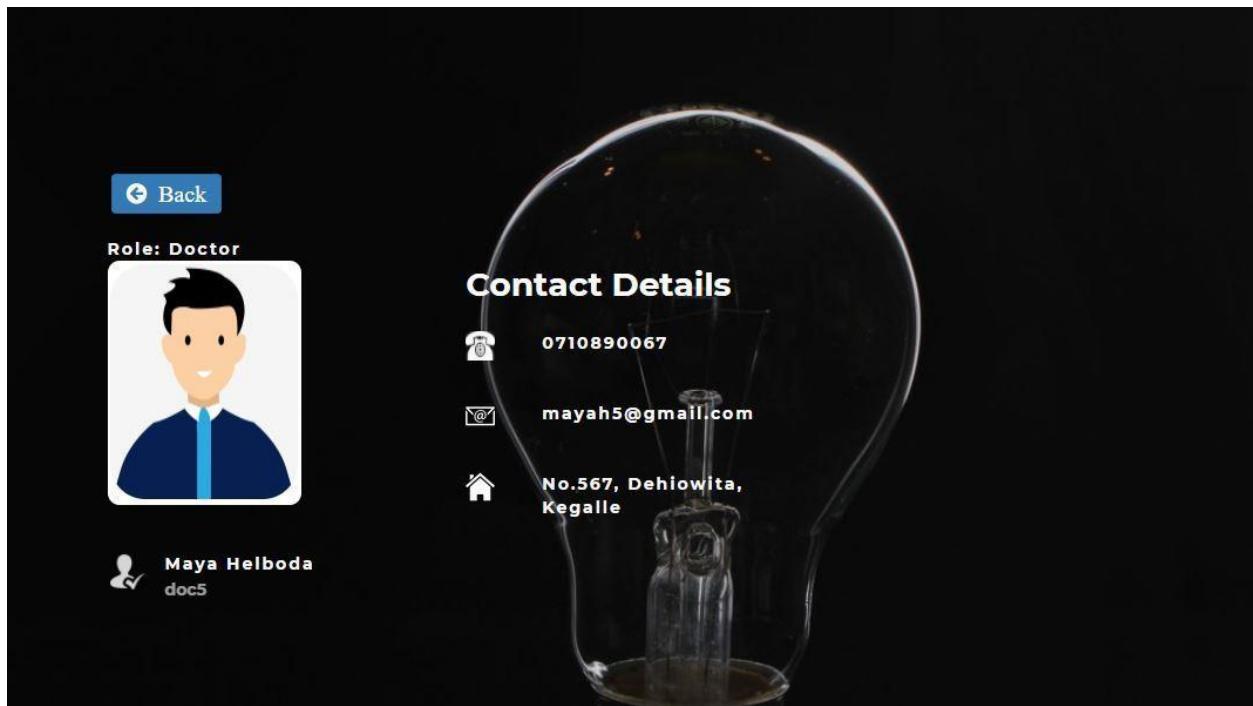
## 02. Registration

- This page is used to maintain all user details and also register new users by admin.

The screenshot shows a table titled "All Users" with a search bar and a "New Register" button at the top. The table has three columns: "User Name", "Role", and "View Profile". The data in the table is as follows:

User Name	Role	View Profile
admin	admin	View
doc1	doctor	View
doc2	doctor	View
doc3	doctor	View
doc4	doctor	View
doc5	doctor	View
pat1	patient	View
pat10	patient	View

- ‘View’ button is used to view the user profile.



- ‘New Register’ button used to register new users and add their details.

The screenshot shows a registration form titled "Register Here". The form includes fields for "Select A Role" (dropdown), "User ID", "Password", "User Name", "Email", and "Retype-Email". There is also a "Register" button. In the background, a list of registered users is displayed in a table:

User ID	Role	Action
doc5	doctor	<button>View</button>
pat1	patient	<button>View</button>
pat10	patient	<button>View</button>

- User ID is created automatically when admin selects the role. The other fields must be filled otherwise it'll show error messages.
- To register a new user, admin should connect to the internet, otherwise it will show an error message. “**Check your internet connection**”.

### 03. Report

- This page is used to view the profit details.

The screenshot shows a mobile application interface for 'Hela Weda Piyasa'. At the top, there is a navigation bar with a logo, 'Home', 'Registration', 'Report' (which is highlighted in red), and 'Logout'. Below the navigation bar, there are two separate reports displayed side-by-side.

**Profit From Patient's Medicine Orders:**

Order ID	Date	Profit (Rs)
order1	2020-04-15	1250 /=

Total Profit: **1250 /=**

**Profit From Doctor's Consultation:**

Meeting ID	Date	Profit (Rs)
001	2020-05-15	2000 /=
002	2020-08-15	725 /=
004	2020-06-05	2200 /=
005	2020-04-25	2400 /=

Total Profit: **7325 /=**

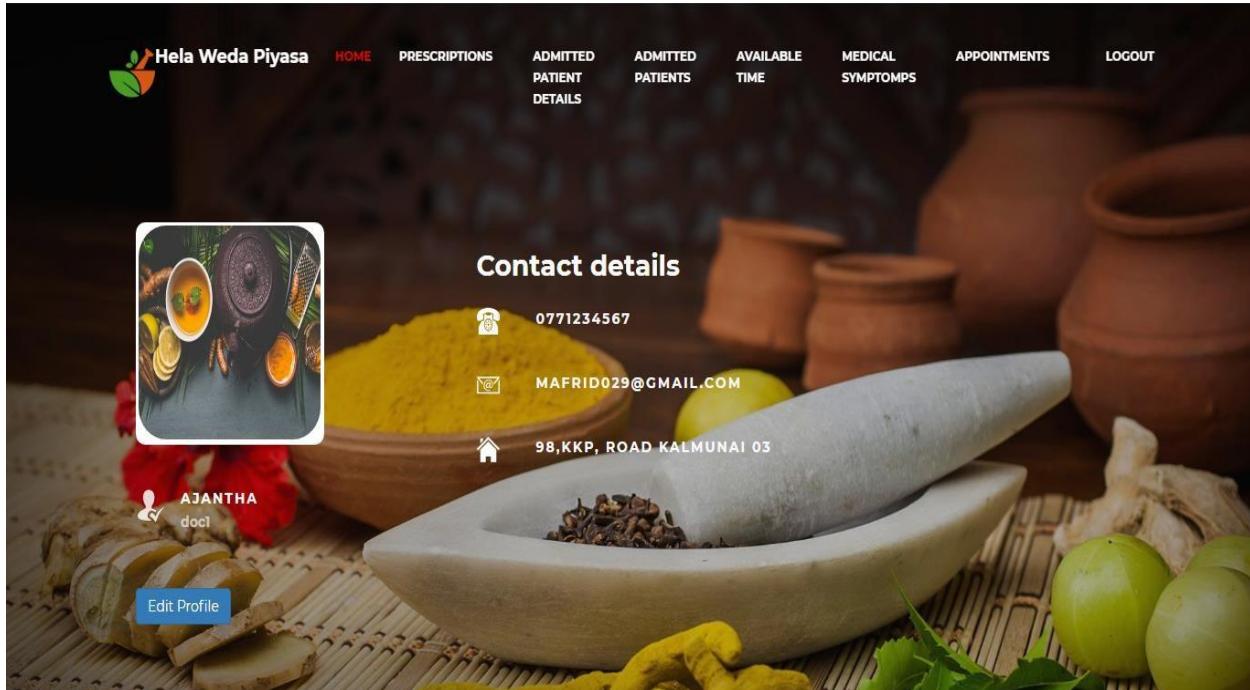
- Admin can find the profit by filtering the date. And he can also find the total profit below the table.

# DOCTOR'S UI

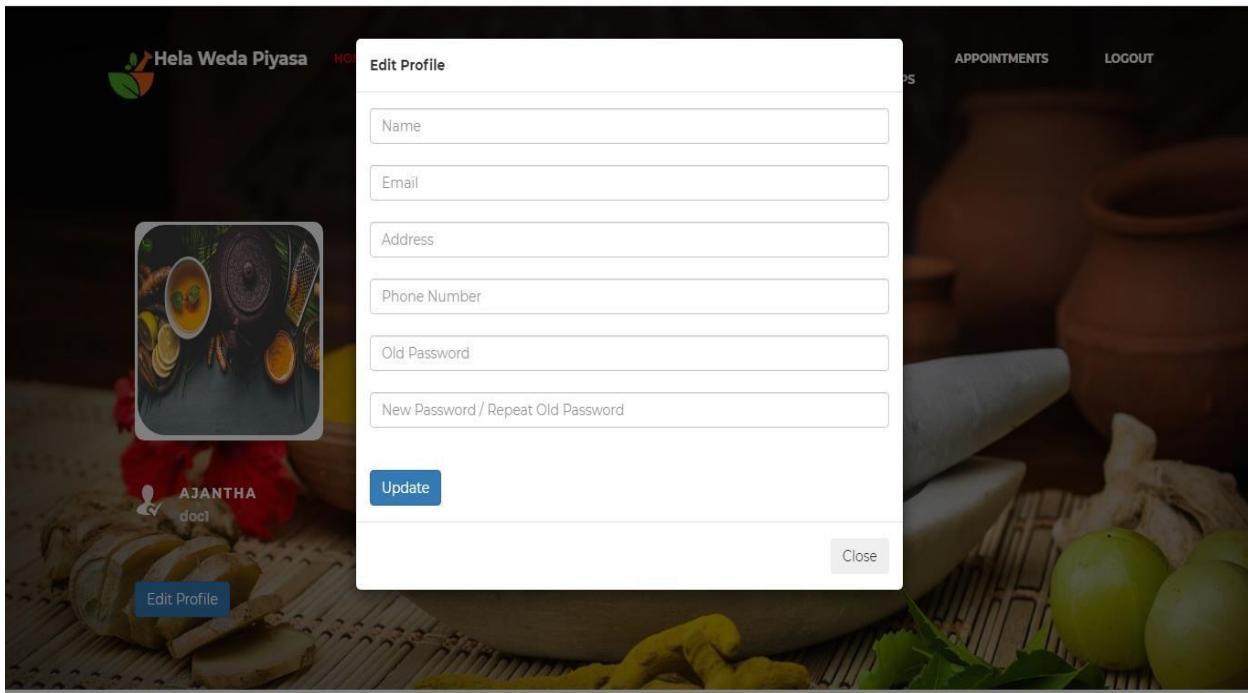
The UI of doctor has 7 features.

1. Home
2. Prescriptions
3. Admitted Patient Details
4. Admitted Patient
5. Available Time
6. Medical Symptoms
7. Appointments

## 01. Home



- In this page the doctor can insert or edit his/her details using the '**Edit Profile**' button. And He can add/change the profile picture.
- If doctor click the Edit Profile button, it will show a form. He can add or update his details on this.



- Here doctor should fill name, address, phone number, old password and new password. He can avoid email to fill the form.
  - If doctor fill it with valid data, it will show a message. "**Updated successfully**"
- If he fails to fill, it will show an error message.
  - E.g. "Address is empty", "New Password is empty"
- If the old password is wrong it will show, "**Password is wrong**"

## 02. Prescriptions

- On this page doctor can see the patient's past medical records and each patient's details.

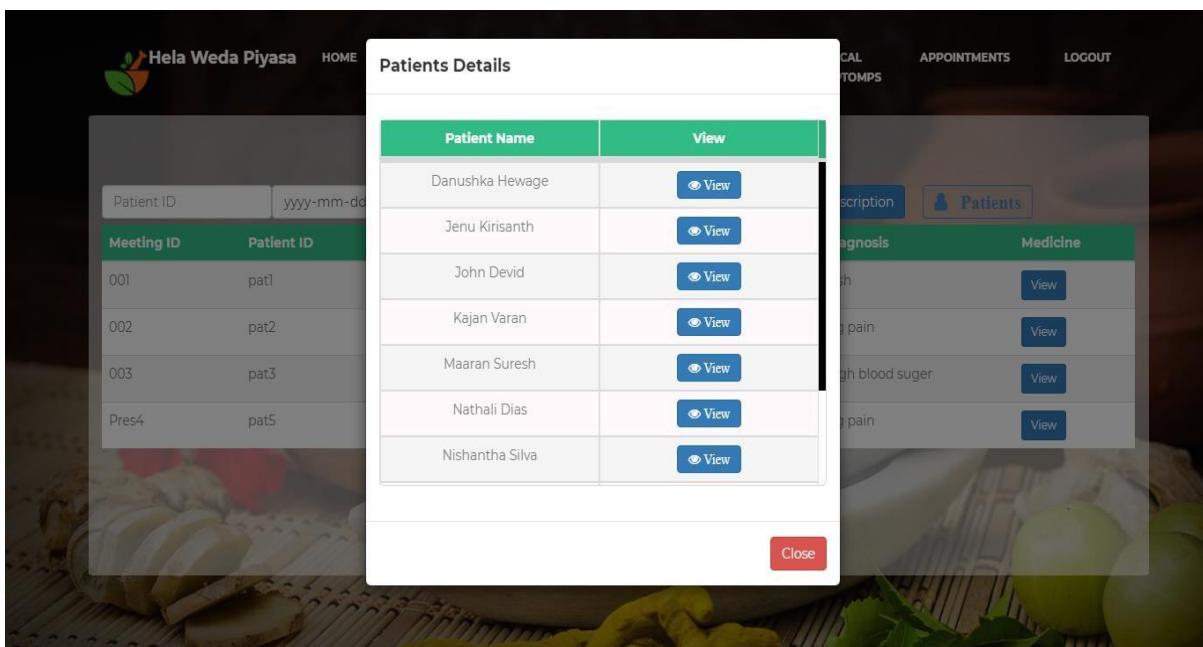
The screenshot shows a web application interface for managing patient prescriptions. At the top, there is a navigation bar with links: HOME, PRESCRIPTIONS (highlighted in red), ADMITTED PATIENT DETAILS, ADMITTED PATIENTS, AVAILABLE TIME, MEDICAL SYMPTOMS, APPOINTMENTS, and LOGOUT. Below the navigation bar is a search bar with fields for Patient ID and Date, and a search icon. To the right of the search bar are buttons for 'Add a prescription' and 'Patients'. The main content area is titled 'Patients' Prescriptions' and displays a table of prescription history. The table has columns: Meeting ID, Patient ID, Doctor ID, Date, Disease, Diagnosis, and Medicine. Each row in the table contains a 'View' button. The background of the page features a photograph of various Ayurvedic ingredients like ginger, turmeric, and lemons.

Meeting ID	Patient ID	Doctor ID	Date	Disease	Diagnosis	Medicine
001	pat1	doc1		Skin rash	rash	<button>View</button>
002	pat2	doc1		Varicose	leg pain	<button>View</button>
003	pat3	doc2		Diabetic	High blood sugar	<button>View</button>
Pres4	pat5	doc1	2021-01-04 14:04:59	varicose	leg pain	<button>View</button>

- For example, the patient's registration number, as well as who diagnosed the disease and the medication given to him. This information is represented to the doctor by a table.
- If the doctor clicks “Add a prescription” button, it will show a form. He can add a prescription on this.

The screenshot shows a modal dialog box titled 'Add a prescription'. Inside the dialog, there are input fields for 'Patient ID' and 'Disease', and a text area for 'Diagnosis'. Below these fields is a section titled 'Medicine Name' containing a list of checkboxes for various medicines: Ashwagandha, Bitter melon, Boswellia, and Brahmi. A 'Close' button is located at the bottom right of the dialog. The background of the dialog shows a blurred view of the 'Patients' Prescriptions' page from the previous screenshot.

- Here the doctor should fill Patient's id, Disease, Diagnosis and Medicine Name.
- If he inserts all data, it will show a message, “**Added successfully**”
  - If he fails to fill, it will show an error message, “**The patient doesn't exist**”
- If he searches valid patient's ID or date, the table will show the relevant details.
  - If he searches invalid patient's ID or date, the table will show a message, “**No prescriptions found**”
- If the doctor click “**Patients**” button, it will show patient's details



- When he clicks the ‘View’ button, then he can see the relevant patient details.



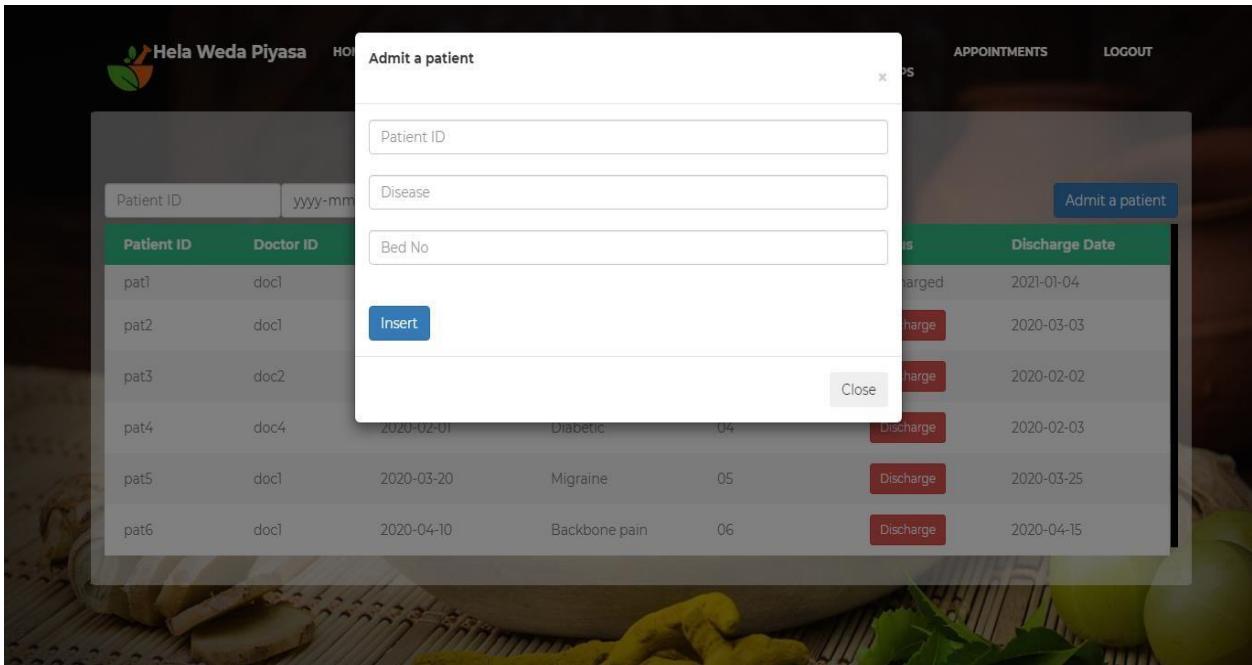
- When the doctor click “Back” button, he can go previous page.

### 03. Admitted Patient Details

- This page includes all the details of the patient when they see the doctor and when the patient is admitted to the hospital after the doctor's diagnosis.

Patient ID	Doctor ID	Admitted Date	Disease	Bed Number	Status	Discharge Date
pat1	doc1	2020-01-10	Skin rash	01	Discharged	2021-01-04
pat2	doc1	2020-02-10	Varicose	02	<button>Discharge</button>	2020-03-03
pat3	doc2	2020-01-10	Diabetic	03	<button>Discharge</button>	2020-02-02
pat4	doc4	2020-02-01	Diabetic	04	<button>Discharge</button>	2020-02-03
pat5	doc1	2020-03-20	Migraine	05	<button>Discharge</button>	2020-03-25
pat6	doc1	2020-04-10	Backbone pain	06	<button>Discharge</button>	2020-04-15

- For example, the patient's registration number and the bed number where he was hospitalized.
- If he clicks the “Admit a patient” button, it will show a form. He can add Patient's details on this.

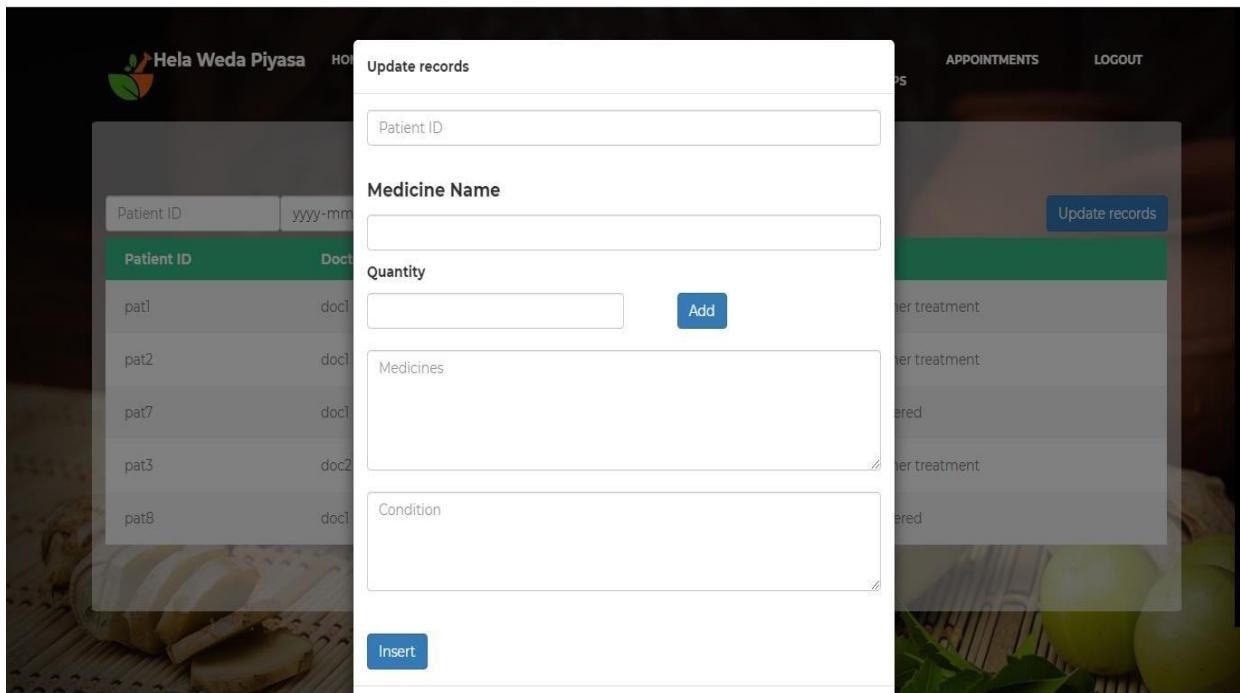


- Here the doctor should fill Patient's ID, Disease, Bed No and Discharge Date.
- If he inserts all data, it will show a message, “**Patient admitted successfully**”
- If he fails to fill, it will show an error message, “**The patient doesn't exist**”
- If he searches valid patient's ID or date, the table will show the relevant details.
  - If he searches invalid patient's ID or date, the table will show a message, “**No Patients Found**”

## 04. Admitted Patients

Admitted Patients' Records					
Patient ID	Doctor ID	Date	Medicine	Condition	
pat1	doc1		<button>View</button>	Need further treatment	<button>Update records</button>
pat2	doc1		<button>View</button>	Need further treatment	
pat7	doc1		<button>View</button>	fully recovered	
pat3	doc2		<button>View</button>	Need further treatment	
pat8	doc1		<button>View</button>	fully recovered	

- It contains all the information of a patient on a daily basis from the time doctor is hospitalized until he recovers. Each day the doctor rounds the ward and then adds the patient's diagnoses and their condition to this table
- If we click the “**Update records**” button, it will show a form. We can add records of patient's on this.

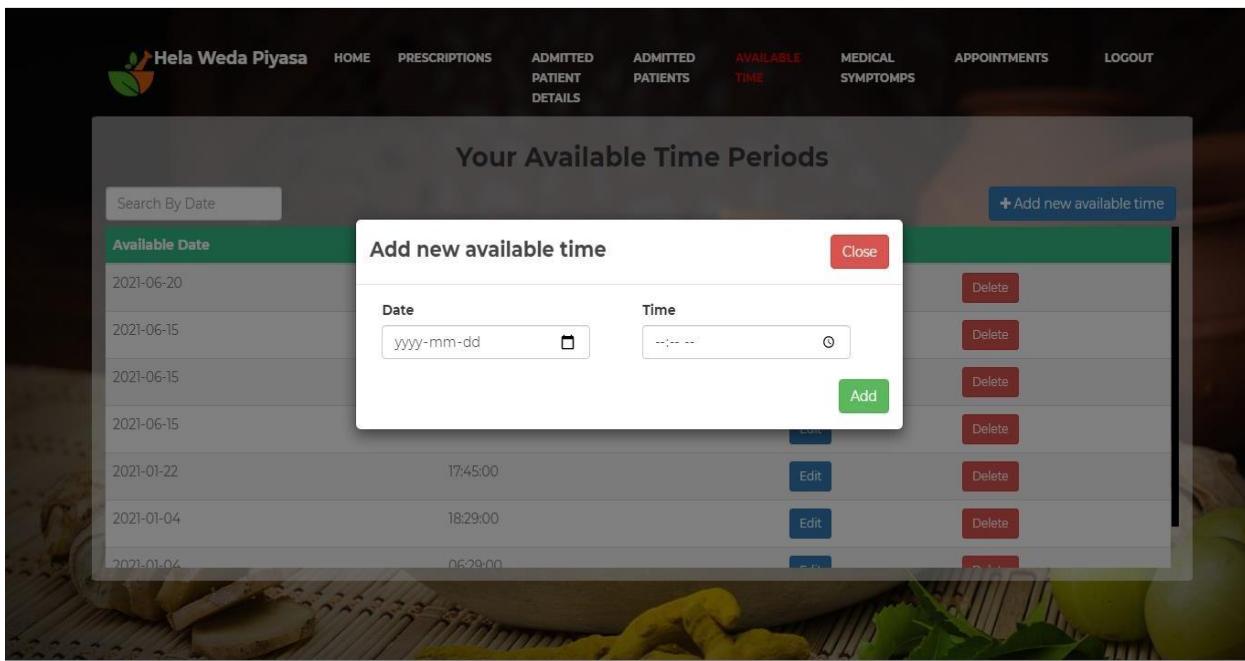


- Here the doctor should fill Patient's ID, Medicine Name, Quantity, Medicine and Condition.
  - If he inserts all data, it will show a message, “**Inserted successfully**”
- If he fails to fill, it will show an error message, “**The patient doesn't exist**”
- If he searches valid Patient's ID or date, the table will show the relevant details.
- If he searches invalid patient's id or date, the table will show a message, “**No records found**”

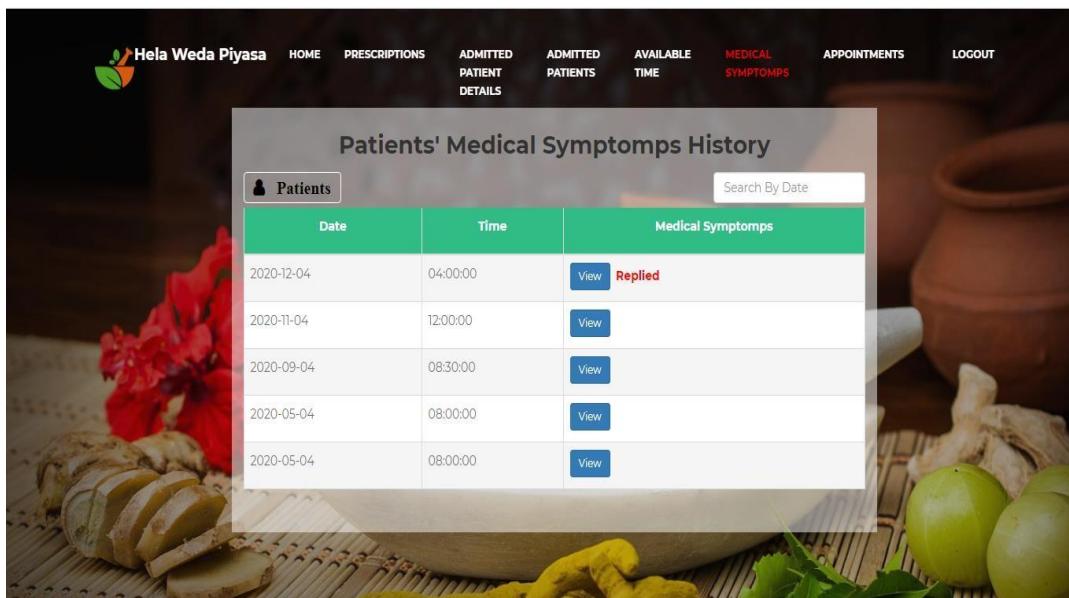
## 05. Available Time

Available Date	Available Time	Edit	Delete
2021-06-20	15:00:00	<button>Edit</button>	<button>Delete</button>
2021-06-15	15:30:00	<button>Edit</button>	<button>Delete</button>
2021-06-15	16:00:00	<button>Edit</button>	<button>Delete</button>
2021-06-15	16:30:00	<button>Edit</button>	<button>Delete</button>
2021-01-22	17:45:00	<button>Edit</button>	<button>Delete</button>
2021-01-04	18:29:00	<button>Edit</button>	<button>Delete</button>
2021-01-04	06:29:00	<button>Edit</button>	<button>Delete</button>

- The patient should make an appointment and a date to see the doctor after enrollment in this hospital. For the convenience of the patient, the doctor will list all possible times and dates on this page. Therefore, the patient can easily make an appointment.
- On this page doctor can insert or edit or delete date and time.
- If doctor insert a new date and time, it will show a message, "**Inserted successfully**"
- If doctor click the '**Edit**' button, the date and time will come to the input boxes. Then doctor can edit and insert them.
- If doctor click the '**Delete**' button, the date and time will be deleted.
- If doctor doesn't insert any date and time, table will show a message, "**No available times found**"
- If doctor clicks '**Add New Available Time**' button, then he can add new available date and times.



## 06. Medical Symptoms



- This page illustrates the process by which an old patient or new patient informs the doctor of a brief description of the disease or a short audio clip or image if he or she is unable to visit the doctor. This makes it much easier to establish a doctor-patient interaction in the face of epidemics.
- Doctor can view patient's medical symptoms and reply to them.

- If there is not any symptom from patients, page will show a message, “**No Any Symptoms Added Yet**”
- Here also if doctor click ‘Patients’ button, he can see patient’s details.

## 07.Appointments

Appointment ID	Patient Name	Date	Time
ob1	Nishantha Silva	2021-02-04	08:00:00
ob2	Danushka Hewage	2021-01-04	08:00:00
ob3	Nathali Dias	2021-05-04	08:00:00

- With the busy schedule of a doctor, how much easier it would be for him to carry out his day-to-day work if he knew in advance the time allotted for him to visit their patients. So through this site we have arranged the times according to the dates booked by each patient so that the doctor can see.
- And also doctor can see number of appointments today.
- If doctor search a date and that date hasn’t any appointments from patients, the table will show a message, “**No Appointments Found**”
- Here also if doctor click ‘Patients’ button, he can see patient’s details.

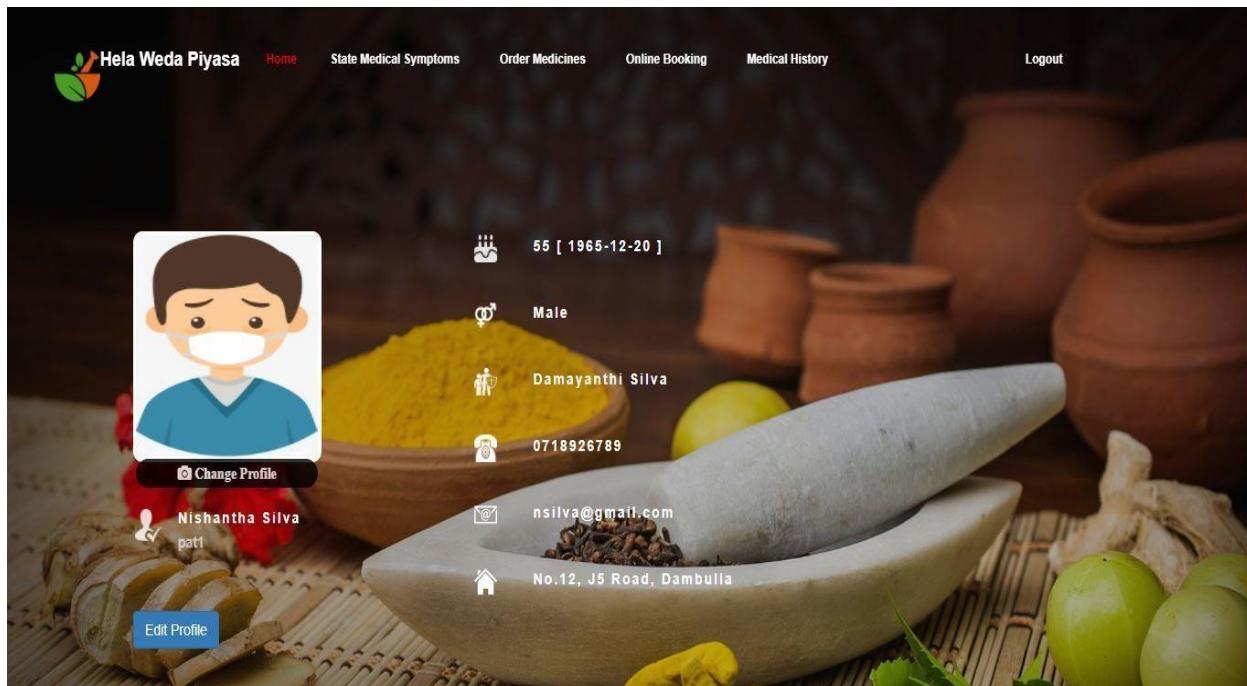
## Patient's UI

The UI of patients has 5 features.

1. **Home**
2. **State Medical Symptoms**
3. **Order medicines**
4. **Online Booking**
5. **Medical History**

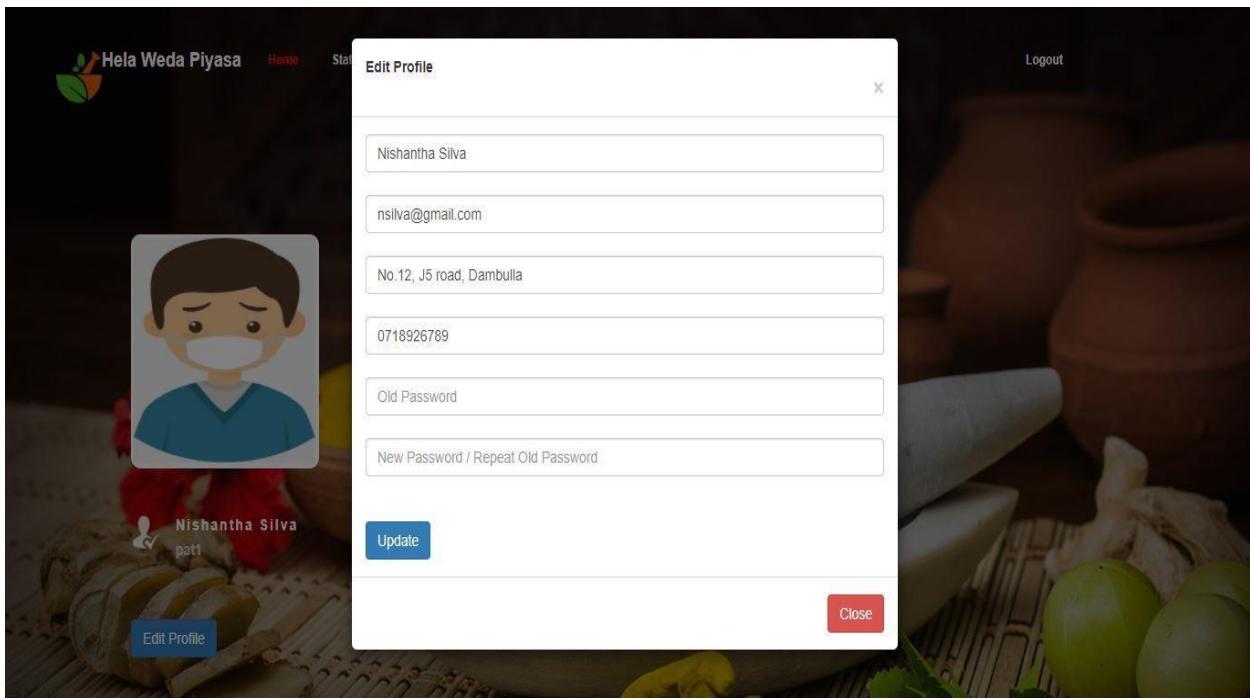
### 01. Home

- In this page the user can insert or edit his details using the '**Edit Profile**' button. He can

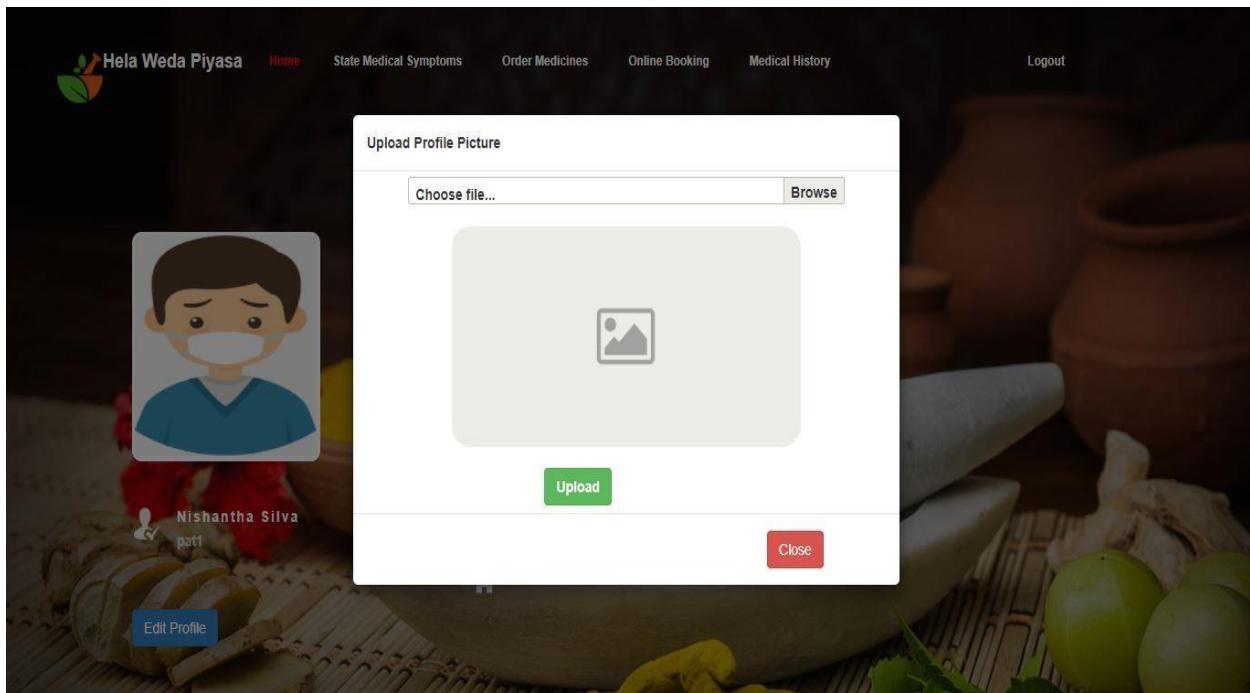


also change the profile picture.

- If user clicks the 'Edit Profile' button, it will show a form. He can add or update his details on this.

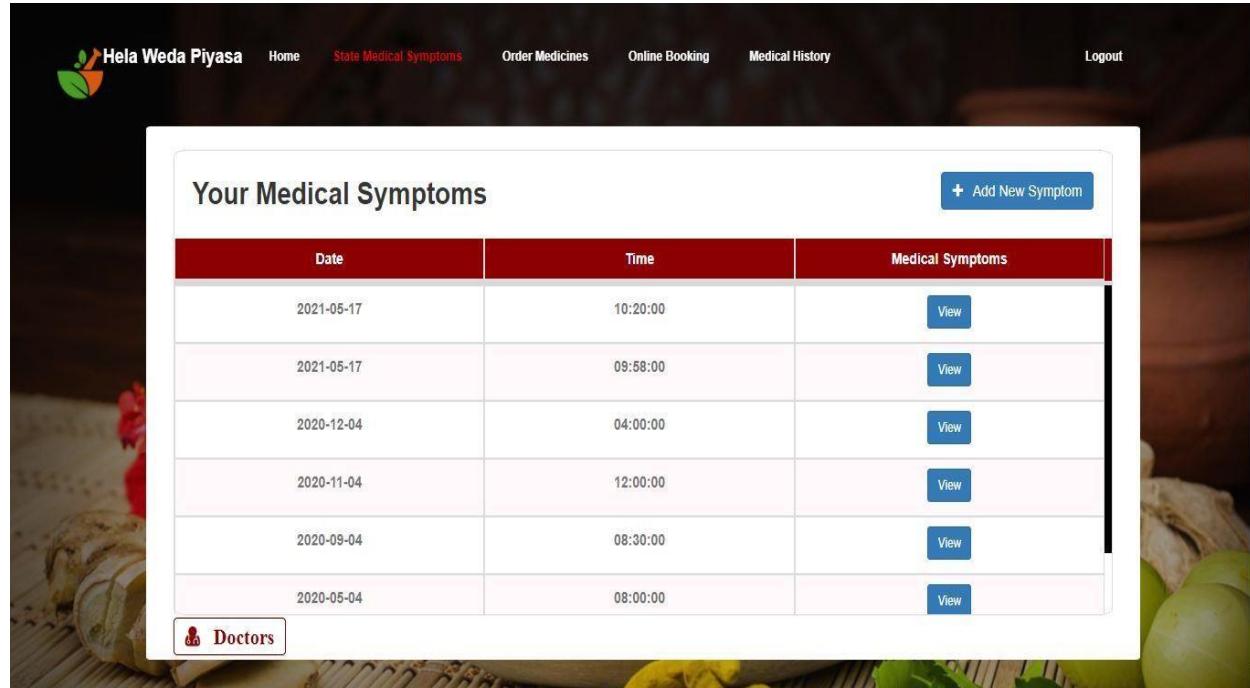


- In this form user should fill patient's name, address, phone number, old password and new password. He can avoid email to fill the form.
- If he fails to fill, it will show an error message.
  - E.g. "Address is empty.", "New Password is empty."
- If the old password is wrong it'll show, "**Password is wrong.**"
  - The new password should have at least in 6 characters. If it is not, it'll show an error message, "**The new password must be at least 6 characters.**"
- User can change the profile picture also using 'Change Profile' button. It is a hidden button, so it'll be visible when user points the cursor on the profile picture. When he clicks on it, this interface will be visible.
  - If he fails to choose any images, it will show an error message, "**You have not chosen any file.**"

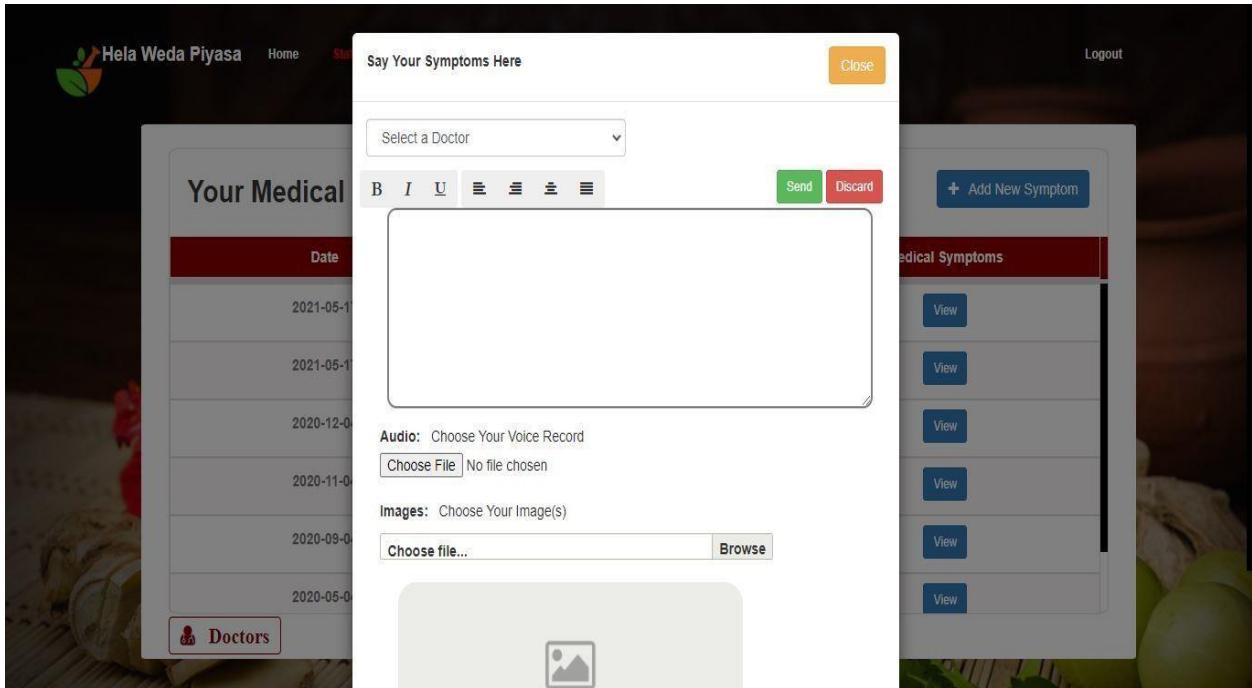


## 02. State Medical Symptoms

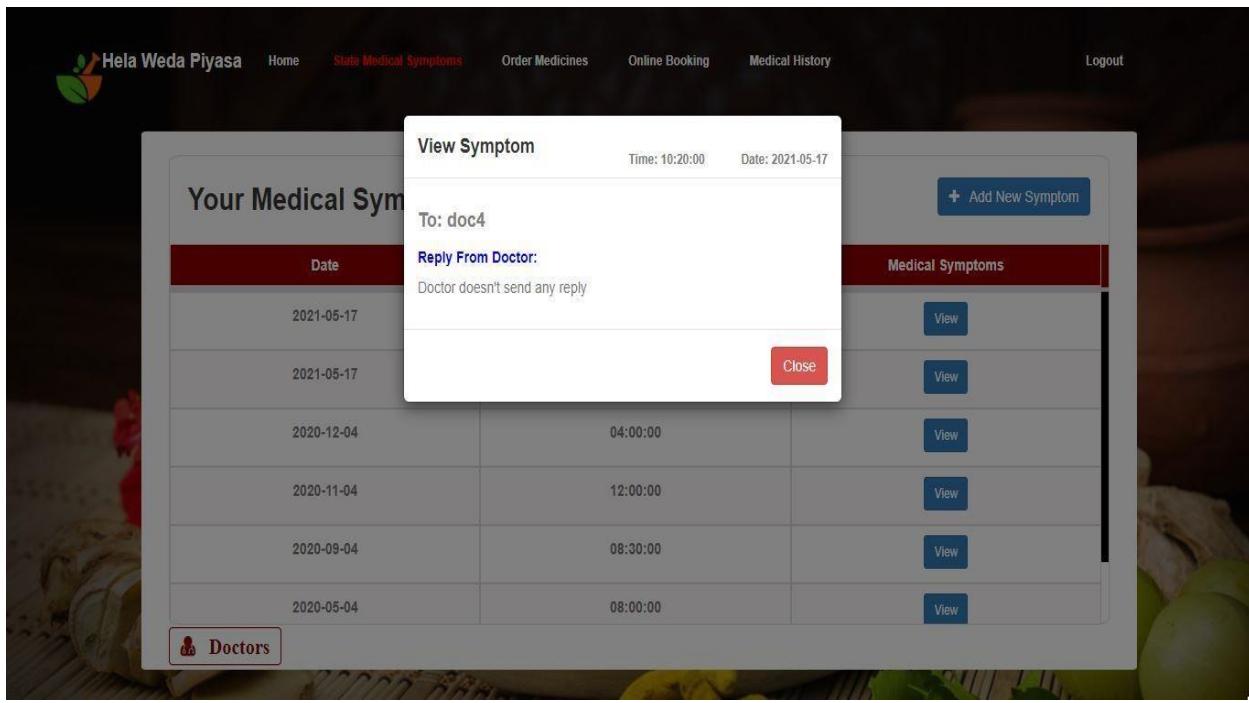
- This page is used to send patient's health issues/medical symptoms to a particular doctor.



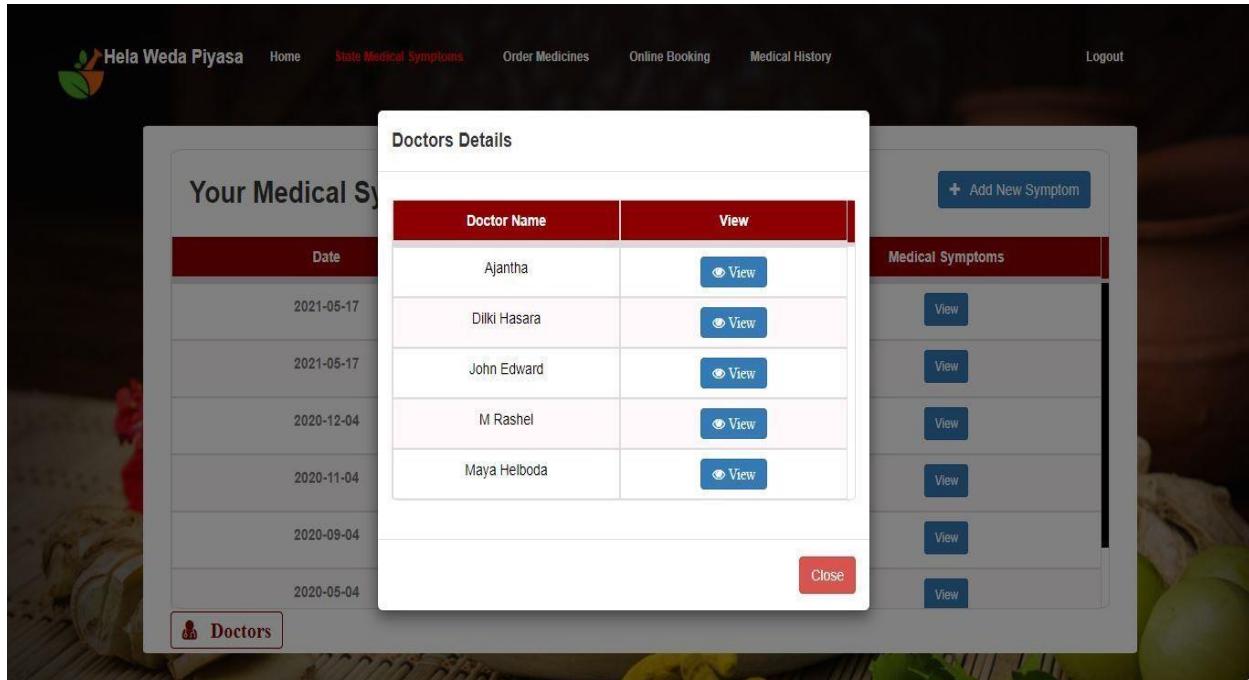
- This form will visible, when user clicks on the '**Add New Symptom**' button



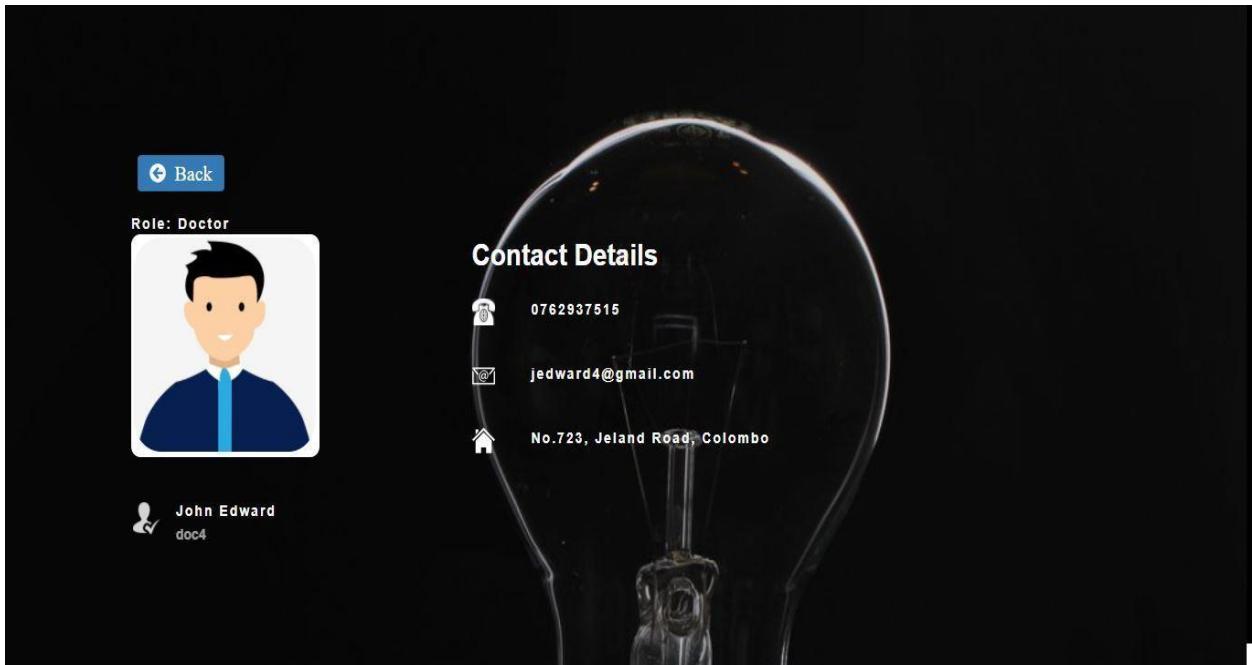
- By using scroll down button user can select a particular doctor using doctor's name and id.
- User can type patient's health issues on the text box. He can also insert his voice record and also add the images of the health condition.
- By click on 'Send' button, all the health information will send to the doctor.
- If user fails to select the doctor on this form and click 'Send' button, it will show an error message "**Select a Doctor**".
- The table has the past information with date and time that user has sent.
- When click on the view button, it will show all the details that user has sent on that day and time and also the reply of the doctor.



- The user can see the doctors' details by using the 'Doctors' button. When click on it, it will show a table.

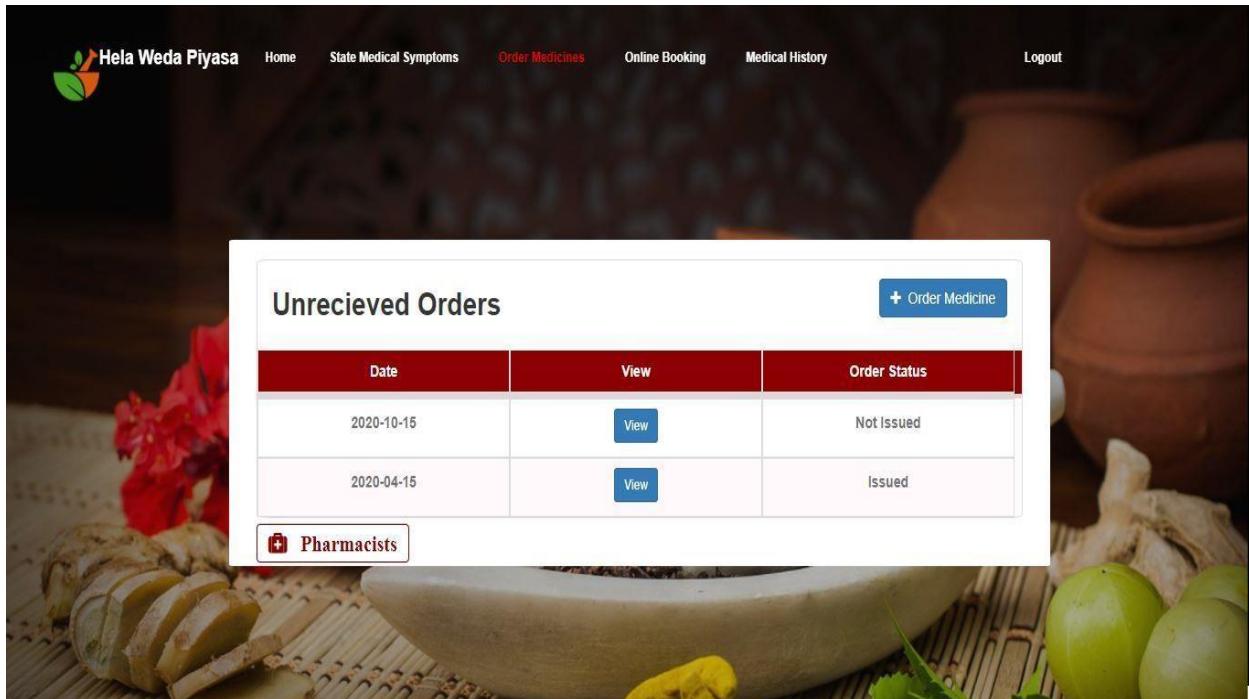


- When click on view button, it will show the doctor's details with his photo, phone number, email and address.

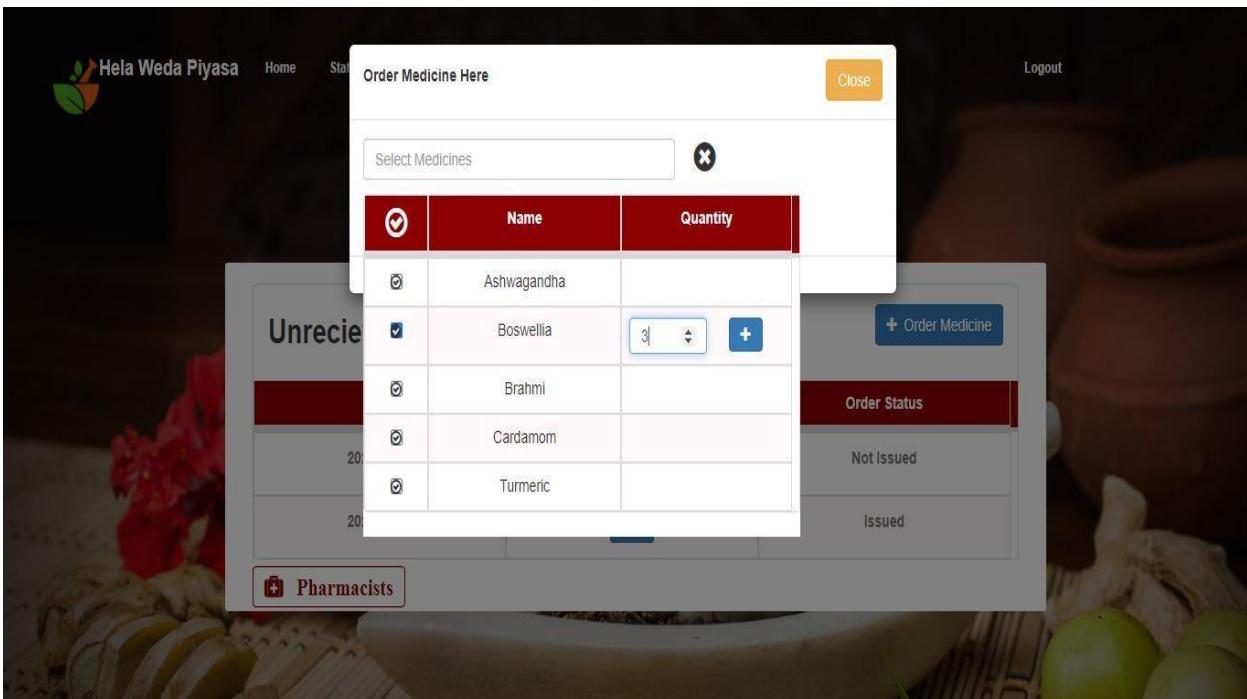


### 03. Order Medicines

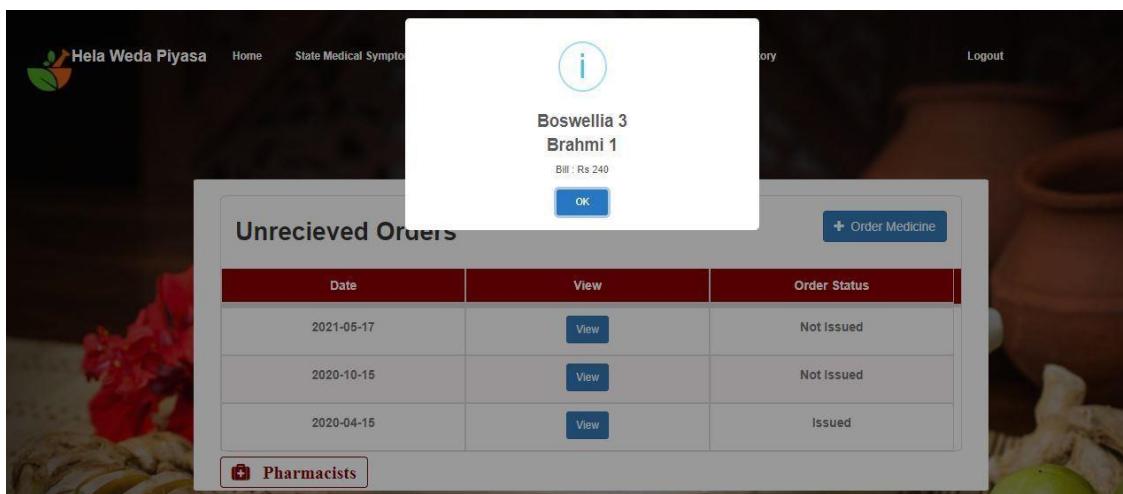
- This page uses to order medicines from pharmacist in online.



- If user clicks 'Order medicine' button, it will show a form. He can select the medicine name and the quantity as he want and send it to pharmacist.



- They will receive the order and deliver the medicine to the patient's address.
- User should select one or more medicines.
- The unreceived Orders table has the past orders those are not received yet by the pharmacist.
- The view button shows the medicines and total amount of bill.



- The user can also see the pharmacist's details by click on the 'pharmacists' button.

## 04. Online Booking

- In this page the patient can book the doctor appointment time.

The screenshot shows a modal window titled "Your Appointment Times". It contains a table with columns: Appointment ID, Doctor, Date, Time, and Cancel. There are three rows of data:

Appointment ID	Doctor	Date	Time	Cancel
App23252	Ajantha	2021-06-15	15:00:00	<button>Delete</button>
App22974	Ajantha	2021-06-20	15:00:00	<button>Delete</button>
App6058	Ajantha	2021-06-15	15:30:00	<button>Delete</button>

At the top right of the modal is a blue button labeled "+ Get Appointment". Below the modal, there is a small button labeled "Doctors" with a doctor icon.

- The patient can check the doctor's available time by click on '**Get Appointment**' button. It will show a form. There the patient can check a particular doctor's available time on a particular date by using '**Search**' button.

The screenshot shows a modal window titled "Book a Doctor". It has a search bar with dropdowns for "Select a Doctor" and "mm/dd/yyyy" followed by a "Search" button. Below the search bar is a table with columns: Doctor ID, Available Date, Available Time, and Booking. The table lists appointments for doctor "doc1" on June 15th and June 20th, and for doctor "doc2" on June 21st. Each row has an "Appoint" button in the last column.

Doctor ID	Available Date	Available Time	Booking
doc1	2021-06-15	15:00:00	<button>Appoint</button>
doc1	2021-06-15	15:30:00	<button>Appoint</button>
doc1	2021-06-15	16:00:00	<button>Appoint</button>
doc1	2021-06-15	16:30:00	<button>Appoint</button>
doc1	2021-06-20	15:00:00	<button>Appoint</button>
doc2	2021-06-21	16:00:00	<button>Appoint</button>

At the bottom right of the modal is a "Close" button.

- The ‘Appointment Time’ table shows all the appointment of the patient. The patient also can remove the appointment by click on ‘Delete’ button.

## 05.Medical History

Meeting ID	Date	
001	2020-05-15	<a href="#">View</a>
004	2020-06-05	<a href="#">View</a>
005	2020-04-25	<a href="#">View</a>

- This page shows the medical history of the patient.
- The ‘view’ button shows the types of the disease, diagnosis and the medicines given by the doctor.

Medical History View

doc1 001

Disease: Skin rash

Diagnosis: rash

Medicine: Ashwagandha - 2, Boswellia - 5,

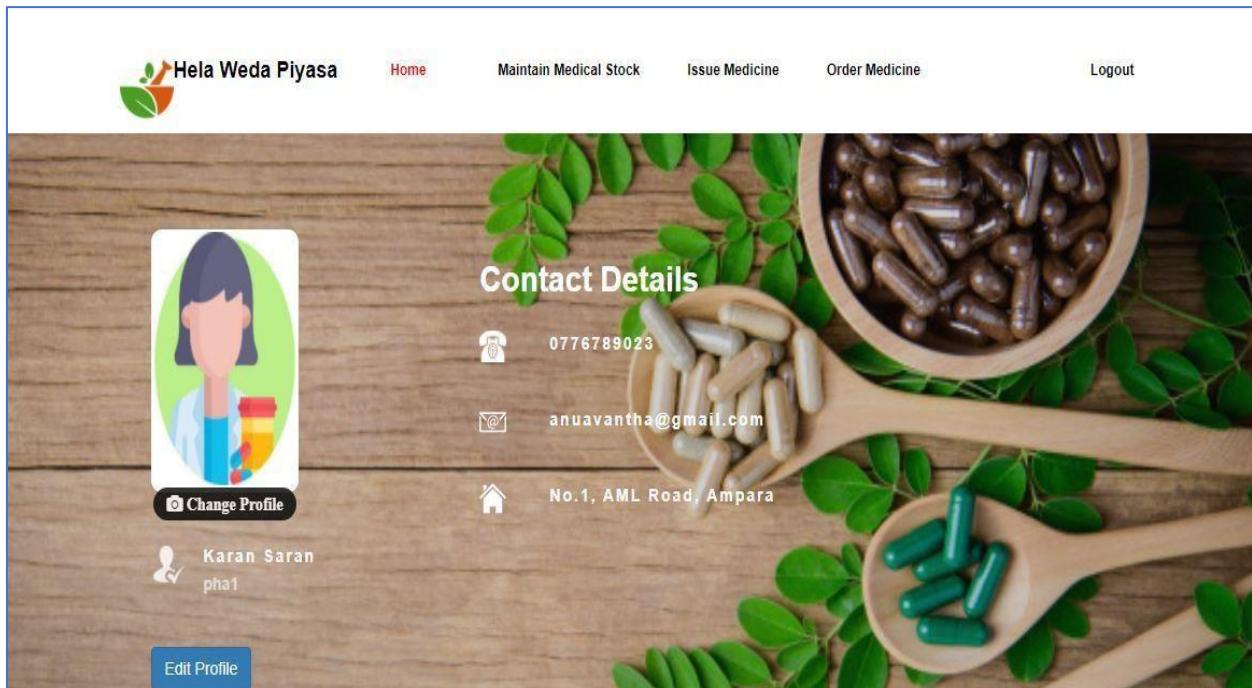
Meeting ID	Date	
001	2020-05-15	<a href="#">View</a>
004	2020-06-05	<a href="#">View</a>
005	2020-04-25	<a href="#">View</a>

# Pharmacist's UI

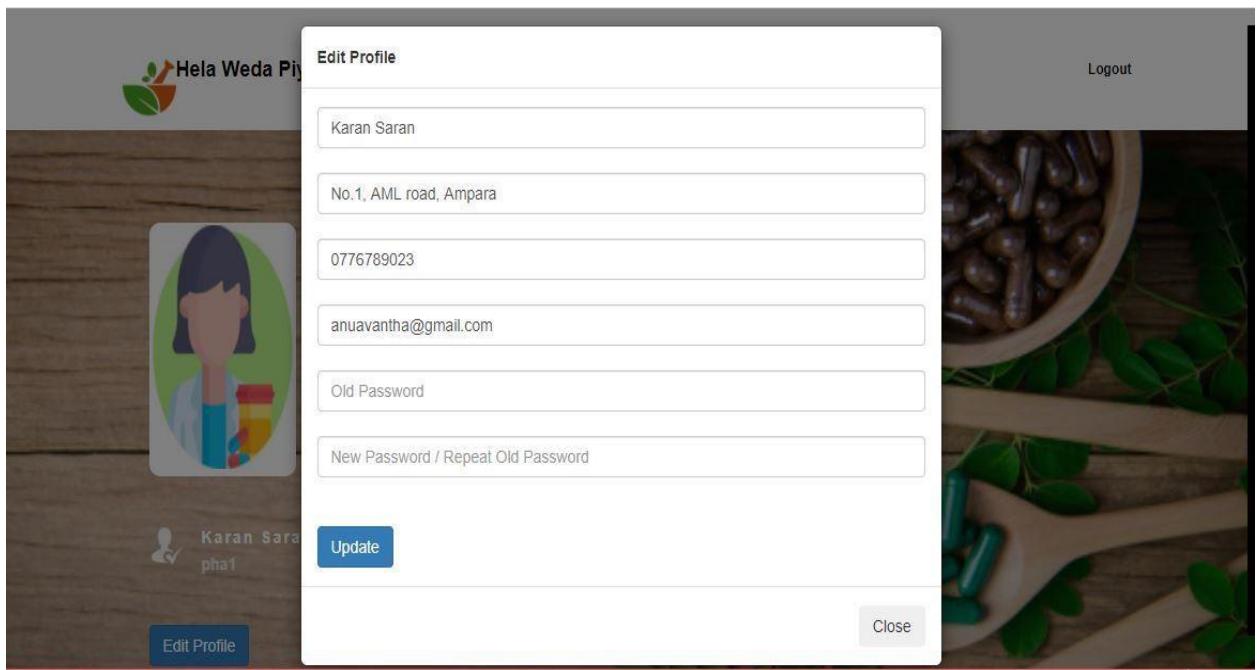
The UI of pharmacists has 4 features.

1. **Home**
2. **Maintain Medical Stock**
3. **Issue Medicine**
4. **Order Medicine**

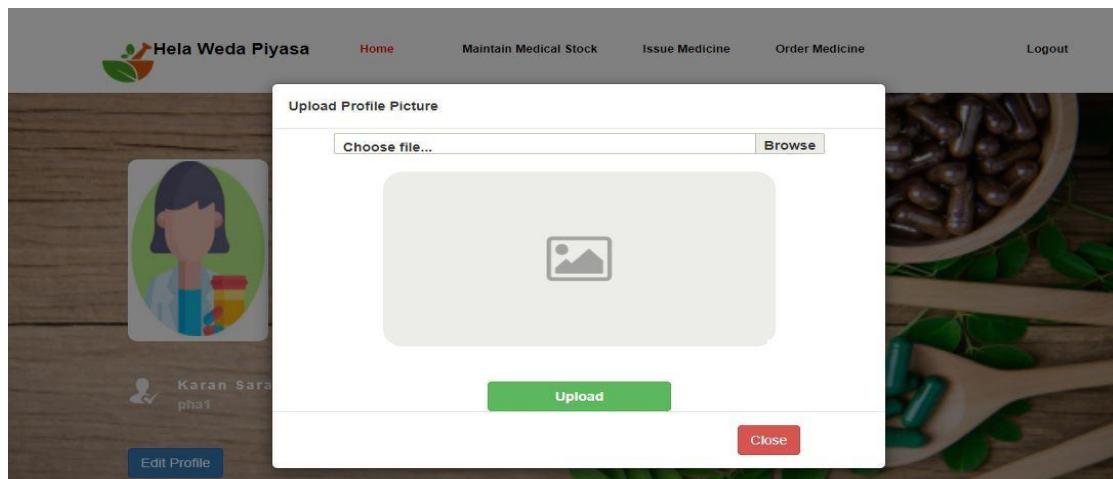
## 01. Home



- In this page the user (pharmacist) can insert or edit his details using the '**Edit Profile**' button. He can also change the profile picture.
- If user clicks the '**Edit Profile**' button, it will show a form. He can add or update his details on this.



- In this form user should fill his name, address, phone number, email, old password and new password.
- If he fails to fill, it will show an error message. E.g. **“Address is empty”**, **“New Password is empty”**
- If the old password is wrong it'll show, **“Old password is wrong”**
- User can change the profile picture also using ‘**Change Profile**’ button. It is a hidden button, so it'll be visible when user points the cursor on the profile picture. When he clicks on it, this interface will be visible.



- If he fails to choose any images, it will show an error message, “**You have not chosen any file.**”

## 02. Maintain Medical Stock

- This page is used to maintain medical stock purposes.

The screenshot shows a web-based application interface for managing medical stock. At the top, there is a navigation bar with links: Home, Maintain Medical Stock (which is the active page), Issue Medicine, Order Medicine, and Logout. Below the navigation bar is a search bar with two input fields: "Search Medicine By ID" and "Search Medicine By Name", followed by a blue button labeled "+ Add New". The main content area is titled "Medical Stock Table" and contains a table with the following data:

Medicine ID	Medicine Name	Description	Manufacture Date	Expiration Date	Unit Price(Rs)	Stock Qty	Ordered Qty	Warning Limit	Actions
med2	Boswellia	<button>View</button>	2020-04-02	2023-04-02	50	250	3	75	<button>Edit</button> <button>Delete</button>
med3	Brahmi	<button>View</button>	2020-04-08	2023-04-08	90	150	1	100	<button>Edit</button> <button>Delete</button>
med8	Cardamom	<button>View</button>	2020-04-08	2022-04-08	40	210	0	80	<button>Edit</button> <button>Delete</button>
med4	Cumin	<button>View</button>	2020-04-08	2021-04-08	45	70	0	50	<button>Edit</button> <button>Delete</button>
med6	Licorice	<button>View</button>	2020-04-08	2022-12-08	80	90	0	50	<button>Edit</button> <button>Delete</button>

At the bottom left of the table, there is a red box containing the word "Warnings:" and a list item: "Cumin is expired".

- The Medical Stock table has all types the medicines and their details (medicine id, medicine name, medicine description, manufacture date, expiration date, unit price, stock quantity, ordered quantity, warning limit - minimum no of medicines that can be in stock).
- Pharmacist can update medicine details or delete medicines from this table by using actions column. He can't update medicine id and medicine name. If he tries to delete any medicine in the table, it will ask to conform it.

Are You Sure Want To Delete **Boswellia** From Your Medicine Table ?

**Delete** (You cannot recover it)    **Cancel**

Medicine ID	Medicine Name	Description	Manufacture Date	Expiration Date	Unit Price(Rs)	Stock Qty	Ordered Qty	Warning Limit	Actions
med2	Boswellia	<b>View</b>	2020-04-02	2023-04-02	50	250	3	75	<b>Edit</b> <b>Delete</b>
med3	Brahmi	<b>View</b>	2020-04-08	2023-04-08	90	150	1	100	<b>Edit</b> <b>Delete</b>
med8	Cardamom	<b>View</b>	2020-04-08	2022-04-08	40	210	0	80	<b>Edit</b> <b>Delete</b>
med4	Cumin	<b>View</b>	2020-04-08	2021-04-08	45	70	0	50	<b>Edit</b> <b>Delete</b>
med6	Licorice	<b>View</b>	2020-04-08	2022-12-08	80	90	0	50	<b>Edit</b> <b>Delete</b>

**Warnings:**

- Cumin is expired

- If he fails to fill any field on the update form, it will show an error message.  
E.g. set a unit price, set a quantity

**Medical Stock Table**

Medicine ID:	Medicine Name:	Manufacture Date:	Expiration Date:	Warning Limit:
med1	Ashwagandha	02/02/2020	02/02/2022	50
Unit Price:	Stock QTY:	Update		
30	190			

Medicine ID	Medicine Name	Description	Manufacture Date	Expiration Date	Unit Price(Rs)	Stock Qty	Ordered Qty	Warning Limit	Actions
med2	Boswellia	<b>View</b>	2020-04-02	2023-04-02	50	250	3	75	<b>Edit</b> <b>Delete</b>
med3	Brahmi	<b>View</b>	2020-04-08	2023-04-08	90	150	1	100	<b>Edit</b> <b>Delete</b>
med8	Cardamom	<b>View</b>	2020-04-08	2022-04-08	40	210	0	80	<b>Edit</b> <b>Delete</b>

- Pharmacist can also add new medicines by using '**Add New**' button. It will show a form.

The screenshot shows a web-based application for managing medical stock. On the left, there's a sidebar titled "Medical Stock" with a table listing four medicines: med1 (Ashwagandha), med7 (Bitter melon), med2 (Boswellia), and med3 (Brahmi). Below this table is a red "Warnings:" section. The main area is titled "Add New Medicine" and contains fields for "Medicine Id" (with a search bar above it), "Medicine Name", "Unit Price(Rs)", "Quantity", "Warning Limit", "Manufacture Date", "Expiration date", and "Description". A red "Close" button is in the top right of this form. To the right of the main form is a table titled "Warning Limit" with rows for 50, 40, 75, and 100, each with edit and delete icons.

- If he tries to add medicines that are already in the table, it will show an error message.
  - E.g. Brahmi is already in your stock
  
- If he fails to fill any field on this form it'll show an error message.
  - E.g. Set a unit price
  
- Below the table, there is a space to show warnings about the medical stock. If any medicine is expired or any medicine's stock quantity is less than its warning limit, it will show warning messages. E.g.
  - Cumin is expired ○ Ashwagandha's stock quantity is 13

### 03.Issue Medicine

- This page is used to view patient's medicine orders and doctor's prescription by click on 'View' button.

The screenshot shows a web application interface for managing medical orders. At the top, there is a navigation bar with links: Home, Maintain Medical Stock, Issue Medicine (which is the active page), Order Medicine, and Logout. Below the navigation bar are two tables:

**Patient's Medicine Orders**

Patient ID	Date	Action
pat1	2021-05-17	<button>View</button>
pat2	2020-07-25	<button>View</button>
pat1	2020-10-15	<button>View</button>
pat5	2020-12-15	<button>View</button>
pat1	2020-04-15	<button>View</button> <span>Issued</span>

**Doctor's Prescription**

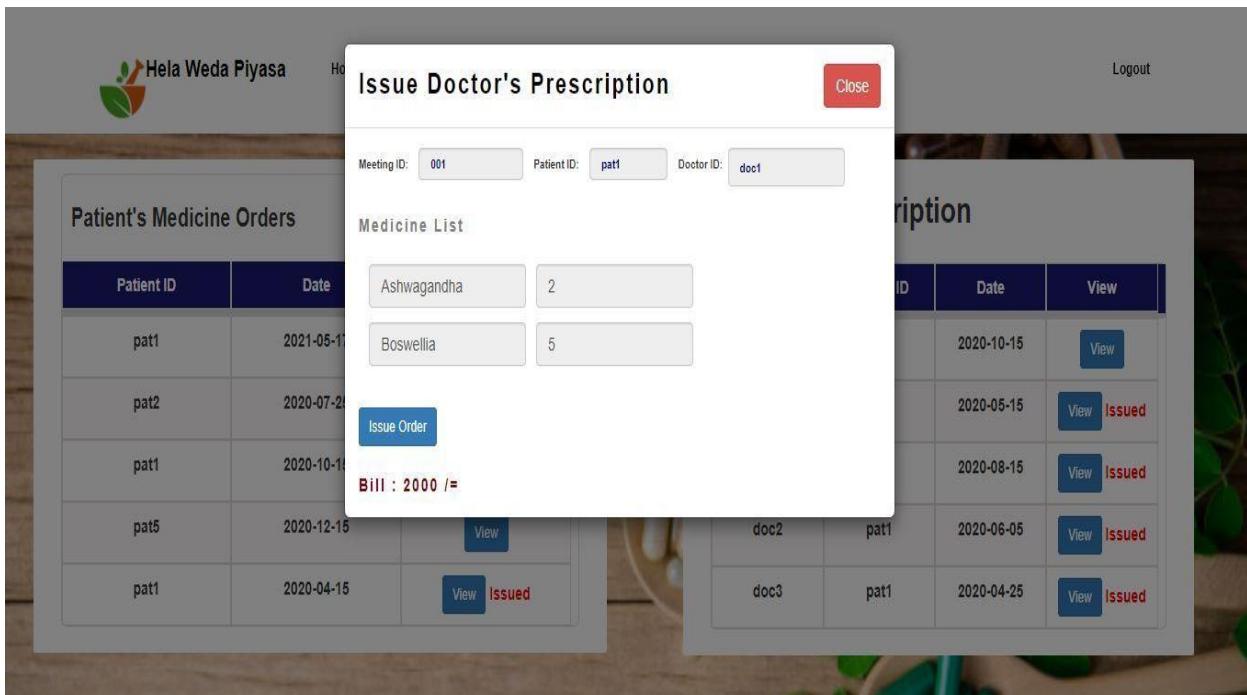
Doctor ID	Patient ID	Date	Action
doc2	pat3	2020-10-15	<button>View</button>
doc1	pat1	2020-05-15	<button>View</button> <span>Issued</span>
doc1	pat2	2020-08-15	<button>View</button> <span>Issued</span>
doc2	pat1	2020-06-05	<button>View</button> <span>Issued</span>
doc3	pat1	2020-04-25	<button>View</button> <span>Issued</span>

- The pharmacist can view the orders and also issue the medicine. After they issue them, pharmacist can change the orders as issued.

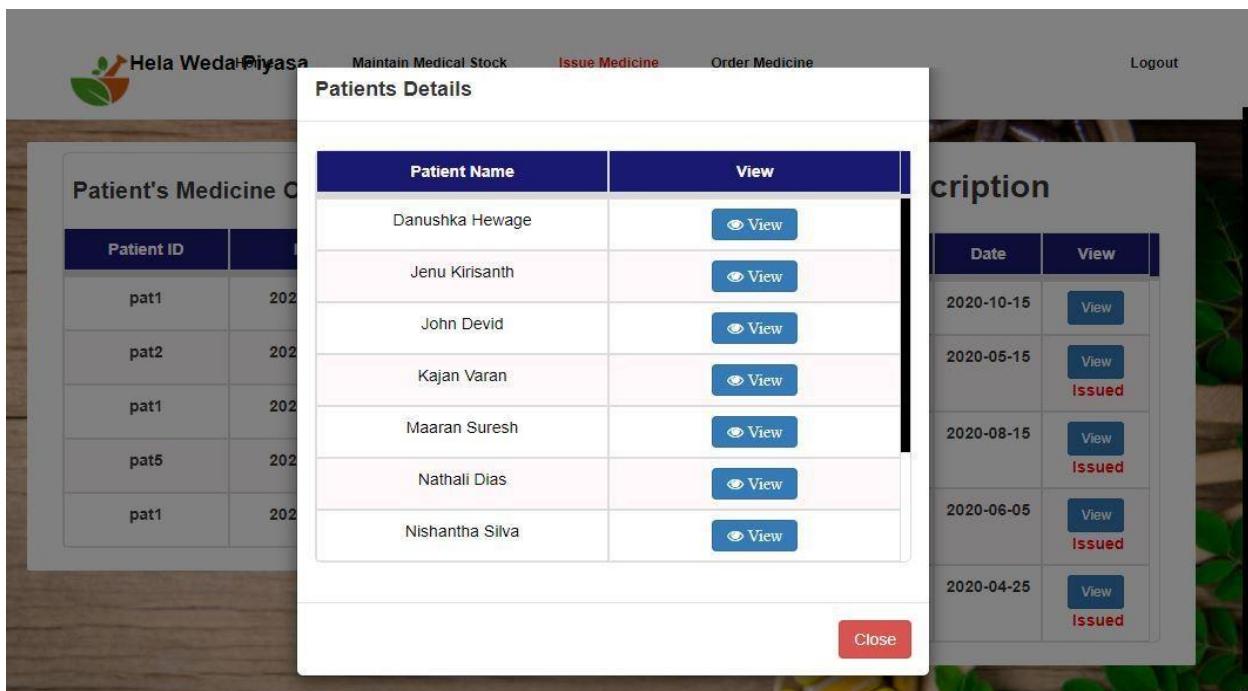
The screenshot shows a modal dialog box titled "Issue Patient's Order". It contains fields for Order ID (Ord524), Patient ID (pat1), and Order Date (05/17/2021). Below these fields is a "Medicine List" section with two entries:

Medicine	Quantity
Boswellia	3
Brahmi	1

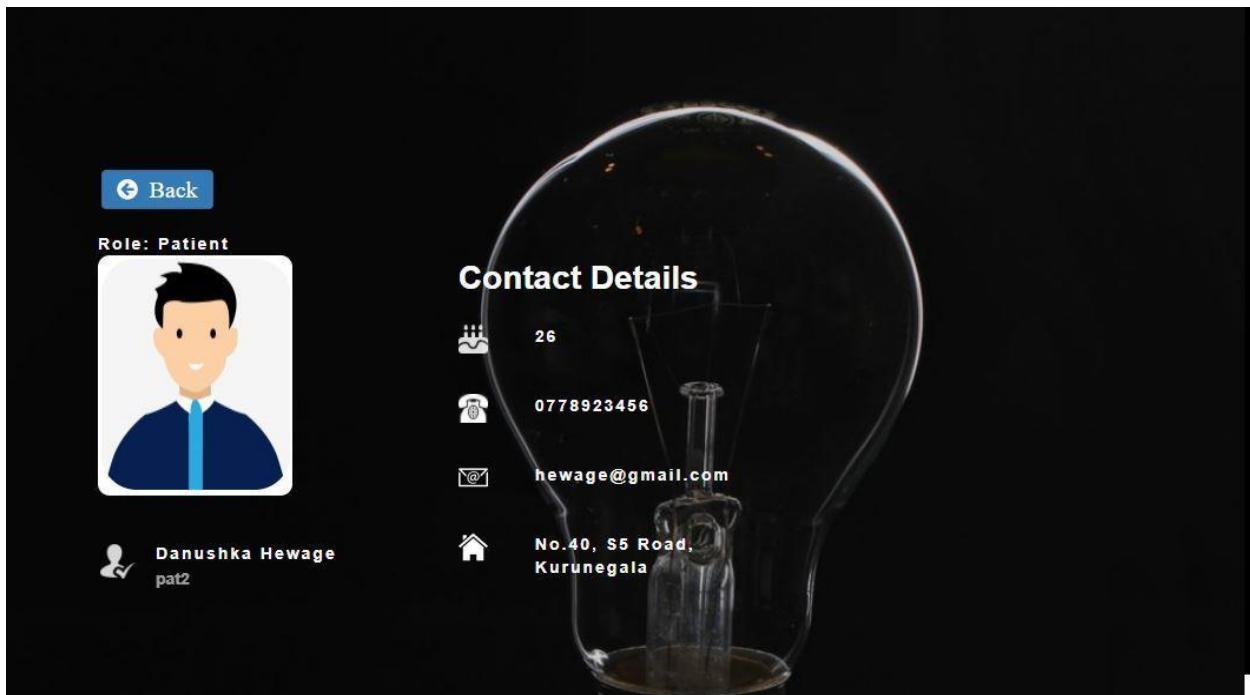
At the bottom of the dialog box is a blue "Issue Order" button. A message "Bill : 240 /=" is displayed below the button. In the background, the main application interface is visible, showing the "Patient's Medicine Orders" and "Doctor's Prescription" tables.



- For issue the medicines, pharmacist can view all the patient's details using '**Patients'** button.



- The **view** button shows the patient's details.



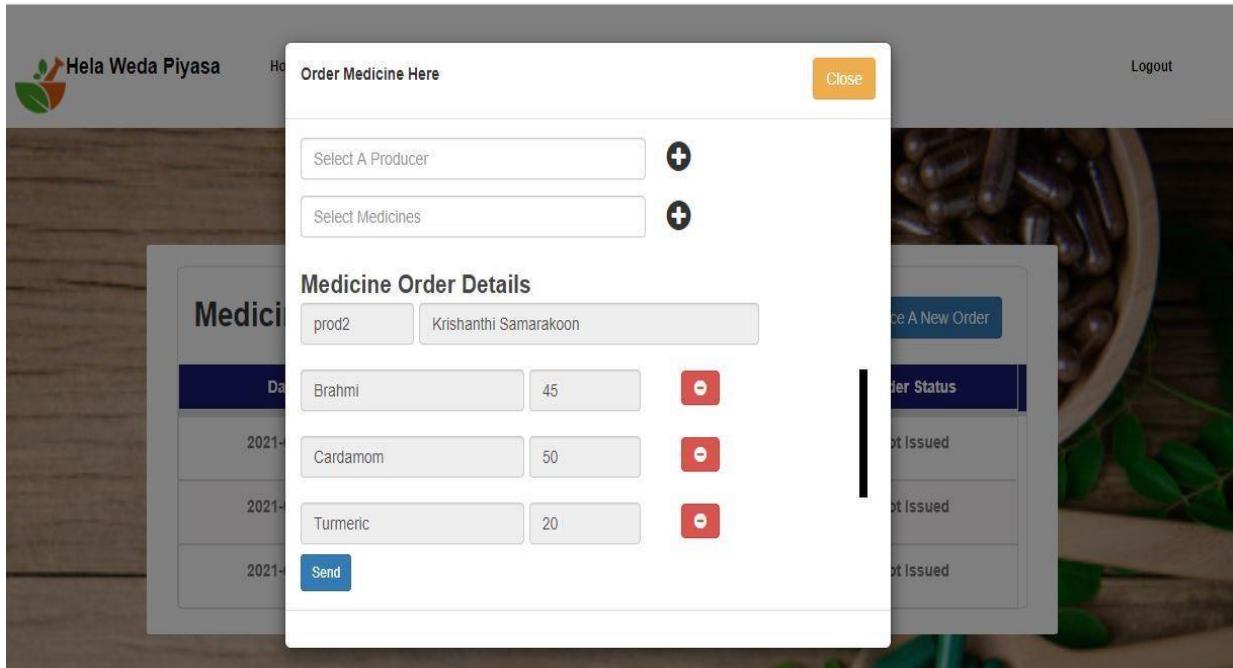
## 04. Order Medicine

- This page is used to order medicines from medicine producers.

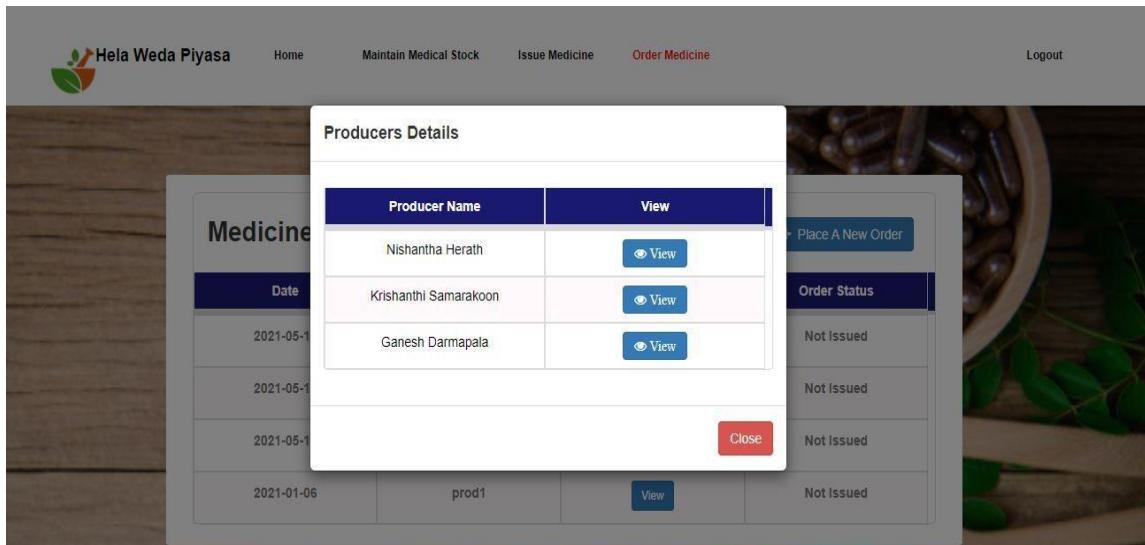
The screenshot shows the 'Medicine Orders' section of the application. At the top, there are two buttons: 'Producers' and '+ Place A New Order'. Below is a table listing three orders:

Date	Producer ID	View	Order Status
2021-05-19	prod3	<button>View</button>	Not issued
2021-05-19	prod2	<button>View</button>	Not issued
2021-01-06	prod1	<button>View</button>	Not issued

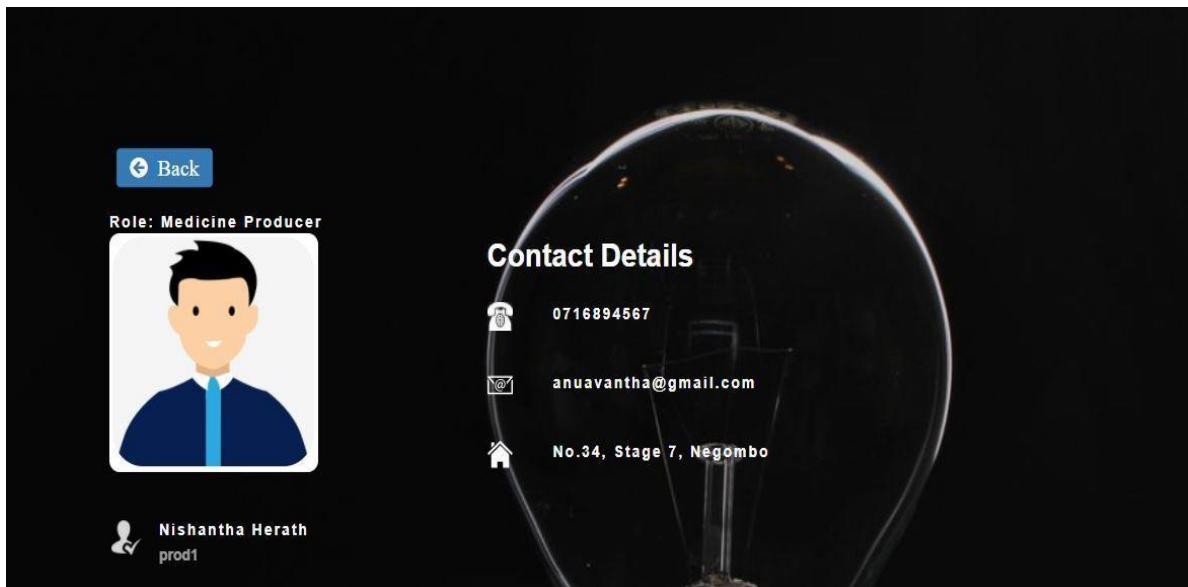
- 'Place A New Order' button is used to order medicines. It will show this form.



- The medicine orders table has the order history with date, producer id and order details.
- The 'Order Status' column shows that the order is issued or not.
  - Pharmacist can view the producer's details using 'Producers' button.



- The **view** button shows the producer's details.



## Medicine Producer's UI

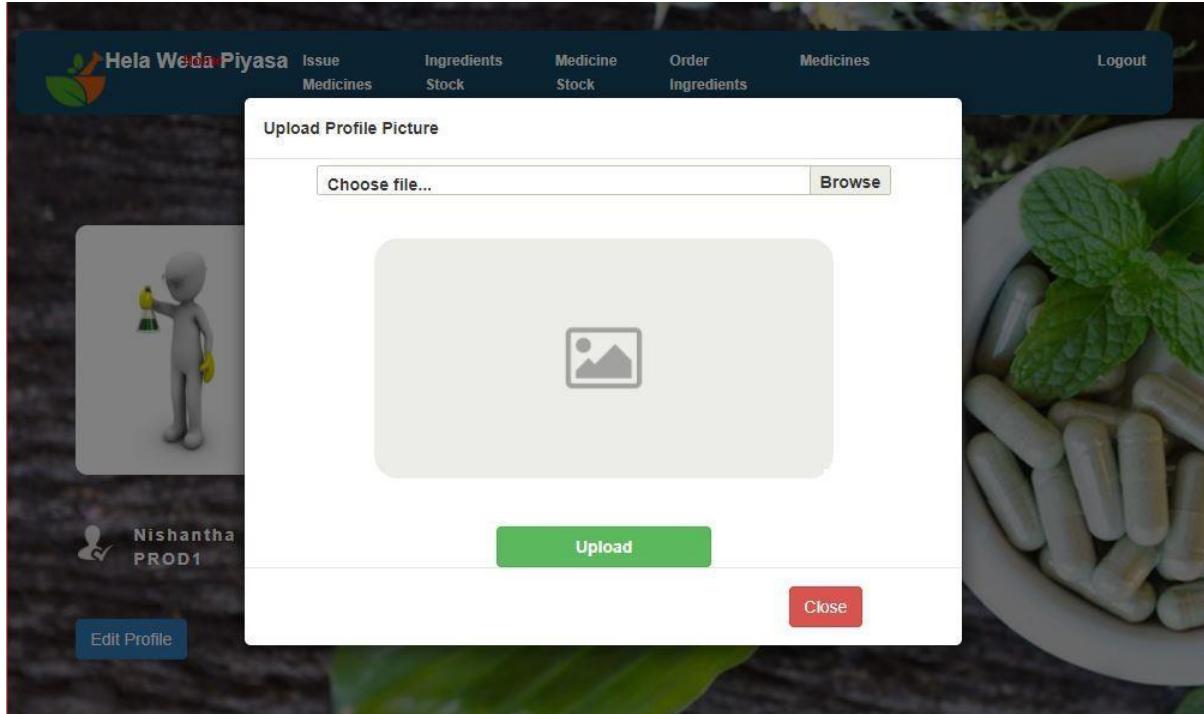
The UI of Medicine Producer has 6 features.

1. **Home**
2. **Issue Medicines**
3. **Ingredients Stock**
4. **Medicine Stock**
5. **Order Ingredients**
6. **Medicine**

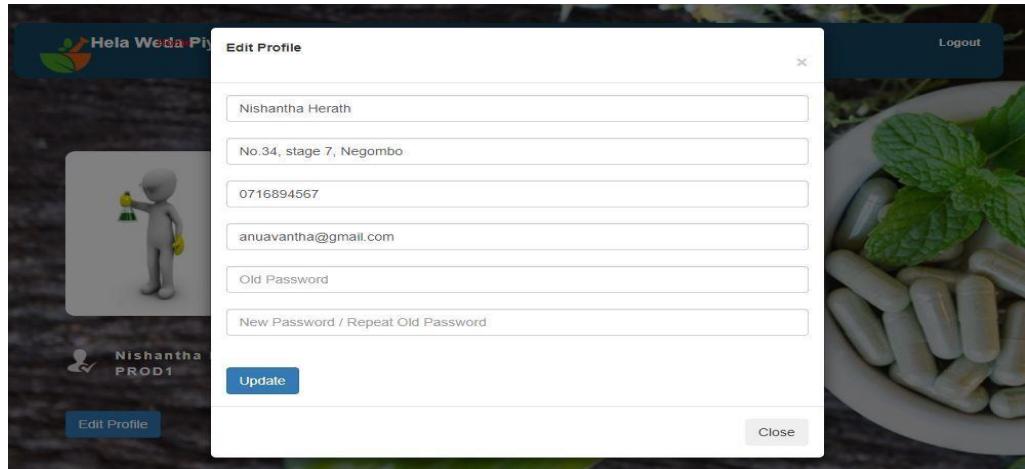
### 01. Home



- In this page the producer can insert or edit his/her details using the '**Edit Profile**' button. And he can add/change the profile picture.



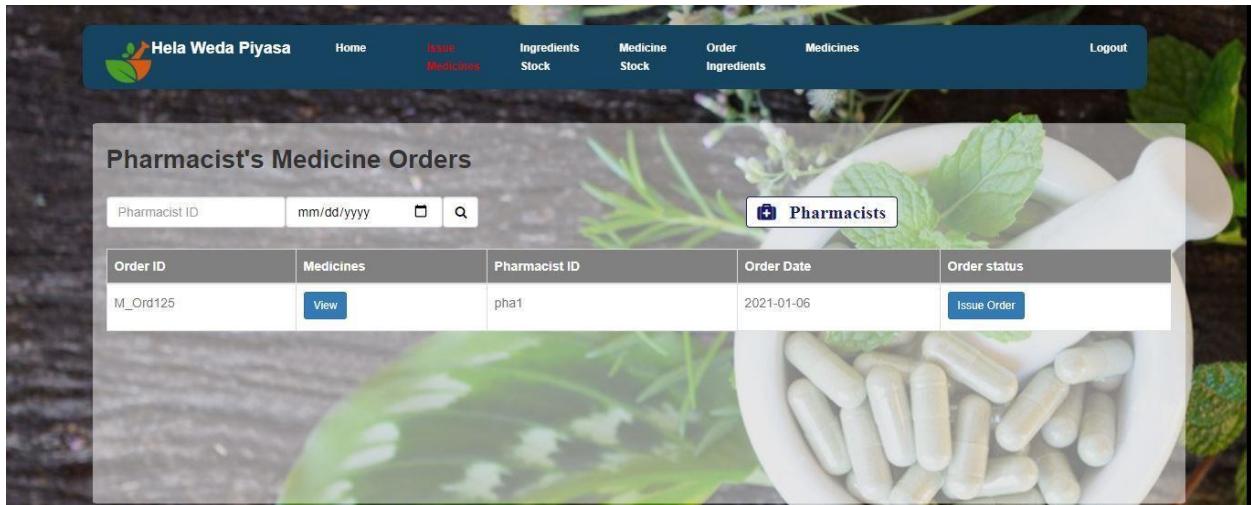
- If he clicks the '**Edit Profile**' button, it will show a form. We can add or update our details on this.



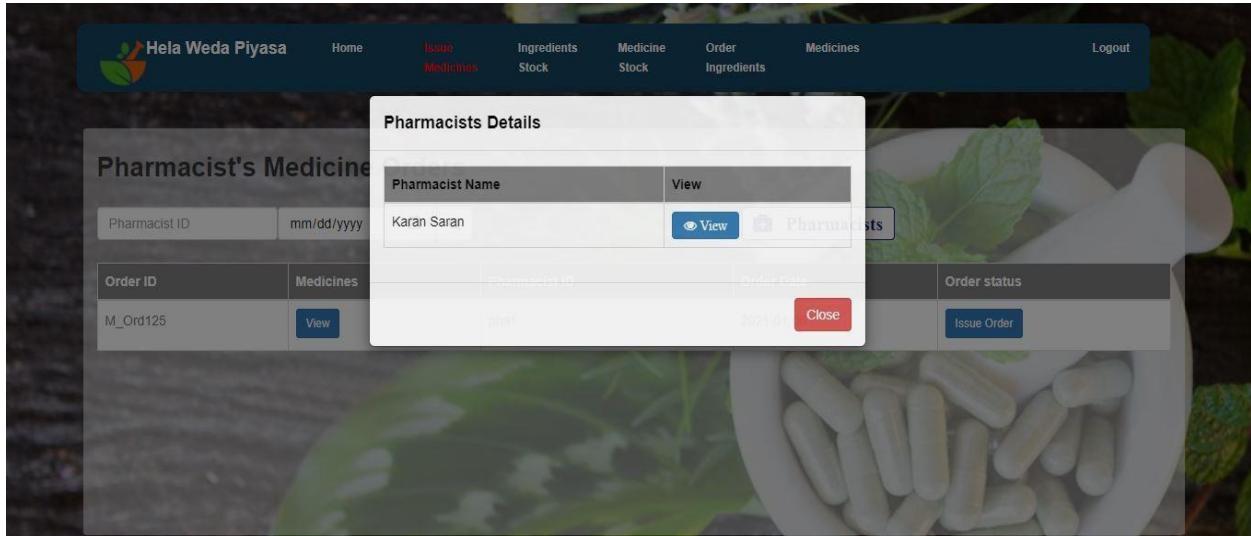
- Here the producer should fill user's name, address, phone number, old password and new password. He can avoid email to fill the form.

- If he fills it with valid data, it will show a message. ○ “Updated successfully”
- If he fails to fill, it will show an error message. ○ E.g. “Address is empty”, “New Password is empty”
- If the old password is wrong it will show, ○ “Password is wrong”

## 02.Issue Medicines



- Here producer can see all details of issued medicines, and pharmacist's medicine orders.
- He can search pharmacist's orders and issued date of the medicines by their ID.



- If producer give a valid name, it will view the details of issued and ordered medicines.

### 03. Ingredients stock

Ingredient ID	Ingredient Name	Stock Qty	Actions
001	Aralu	200	Edit   Delete
002	Iguru	500	Edit   Delete
003	Katuwal Batu	300	Edit   Delete
004	Belli	200	Edit   Delete
005	Walmi	200	Edit   Delete

- On this page pharmacist can see the ingredients stocks.
- Such as ingredient ID, name, stock quantities.
- If pharmacist give a valid ingredient ID or name it will show the name and quantity of that ingredient.

Ingredient ID	Ingredient Name	Stock Qty	Actions
001	Aralu	200	Edit   Delete
002	Iguru	500	Edit   Delete
003	Katuwal Batu	300	Edit   Delete
004	Belli	200	Edit   Delete
005	Walmi	200	Edit   Delete

- And can edit and delete these details.
- If an ingredient is over then it will be deleted.
- If an ingredient will be got then the quantity will be edited.
- If a new ingredient is introduced then it can also add here.

**Ingredients Stock**

Ingredient ID	Ingredient Name	Stock QTY
003	Katuwal Batu	300
004	Beli	200
005	Walmi	200

Modal window:

Ingredient ID: 001	Ingredient Name: Aralu	Stock QTY: 200	Update
--------------------	------------------------	----------------	--------

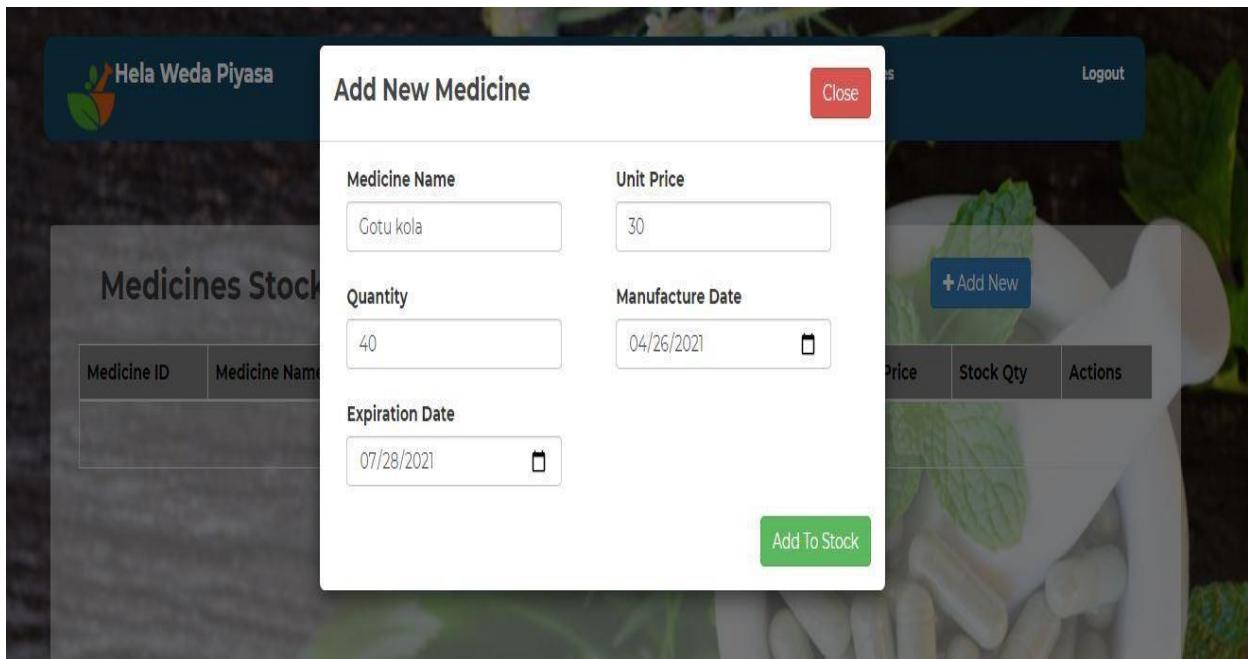
- If he gives new ingredients ID, name and quantity it will be updated.

## 04. Medicine Stock

**Medicines Stock**

Medicine ID	Medicine Name	Description	Manufacture Date	Expiration Date	Unit Price	Stock Qty	Actions
There Are No Medicines							

- Here pharmacist can see stock of medicines and their quantity.
- Here pharmacist can add a new medicine.
- If he provide valid medicine name, price per unit, quantity, manufactured date and expiry date, it will be added.



- Then he can search it by ID or name.

## 05. Order Ingredients

Supplier ID	Order Date	Ingredients	Status
sup1	2020-04-06	<button>View</button>	Issued
sup1	2020-05-20	<button>View</button>	Issued
sup2	2020-04-30	<button>View</button>	Issued
sup1	2020-07-06	<button>View</button>	Issued

- If the pharmacist click on the box of order ingredient, it will show ordered ingredients details and he can see suppliers and corresponding orders.

**Order Ingredients Here**

**Logout**

**Ingredient Name**

**Quantity**

**Supplier ID**

**Send Order**

**Suppliers**

Status
Issued
Issued
Issued
Issued

- And he can search ingredient ordered date, an ingredient is ordered or not and it will be issued or not by the supplier ID.

## 06. Medicine

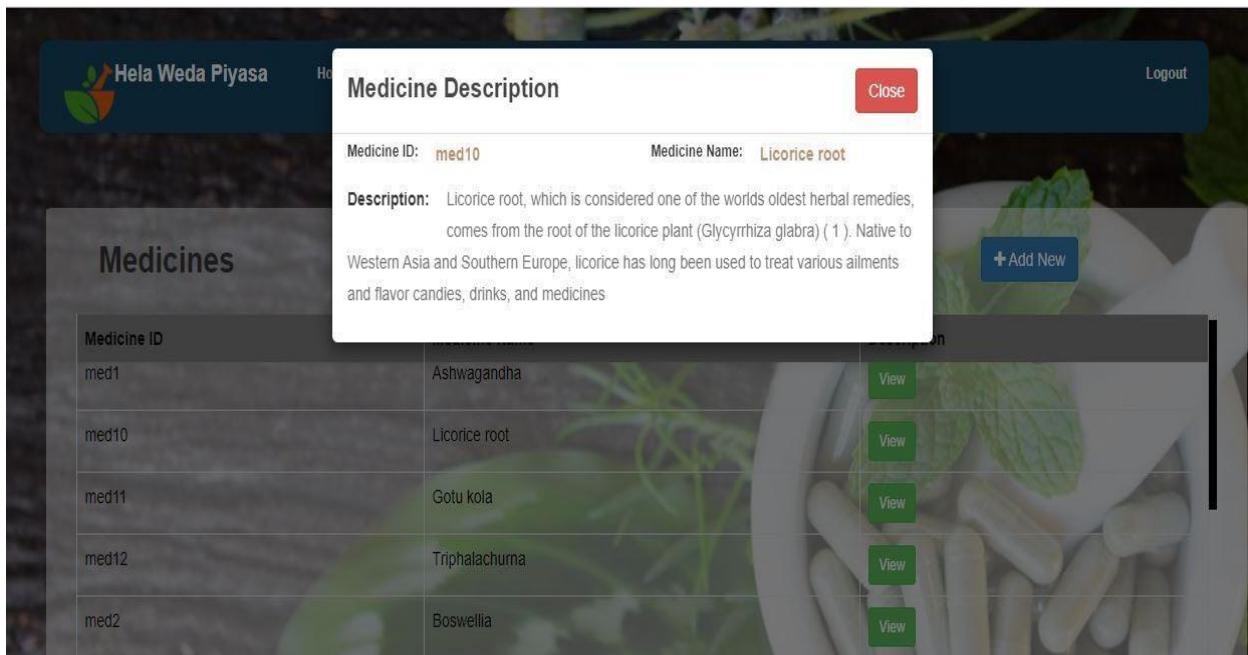
**Medicines**

**Home**   **Issue Medicines**   **Ingredients Stock**   **Medicine Stock**   **Order Ingredients**   **Medicines**   **Logout**

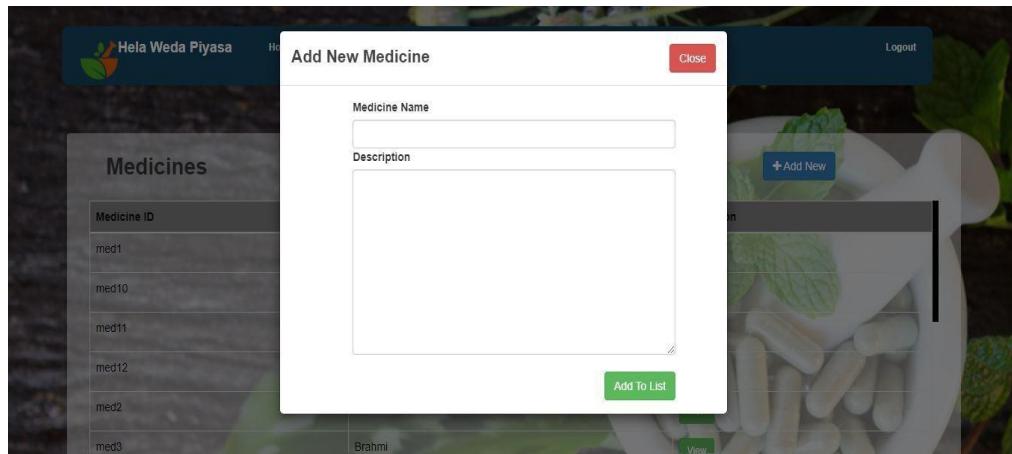
**Search Medicine By ID**   **Search Medicine By Name**   **+ Add New**

Medicine ID	Medicine Name	Description
med1	Ashwagandha	<b>View</b>
med10	Licorice root	<b>View</b>
med11	Gotu kola	<b>View</b>
med12	Triphalachurma	<b>View</b>
med2	Boswellia	<b>View</b>
med3	Brahmi	<b>View</b>

- Here producer can see the all details of medicine such as Med ID, medicine name and descriptions.
- He can search any medicine by its ID or name.



- If he gives medicine Id or medicine name, it will show descriptions of medicine.
- And he can add new medicines.
- If he adds a valid medicine name and description then it will show a message as new medicine has added.



- After his works finished, he can logout and leave the current page.

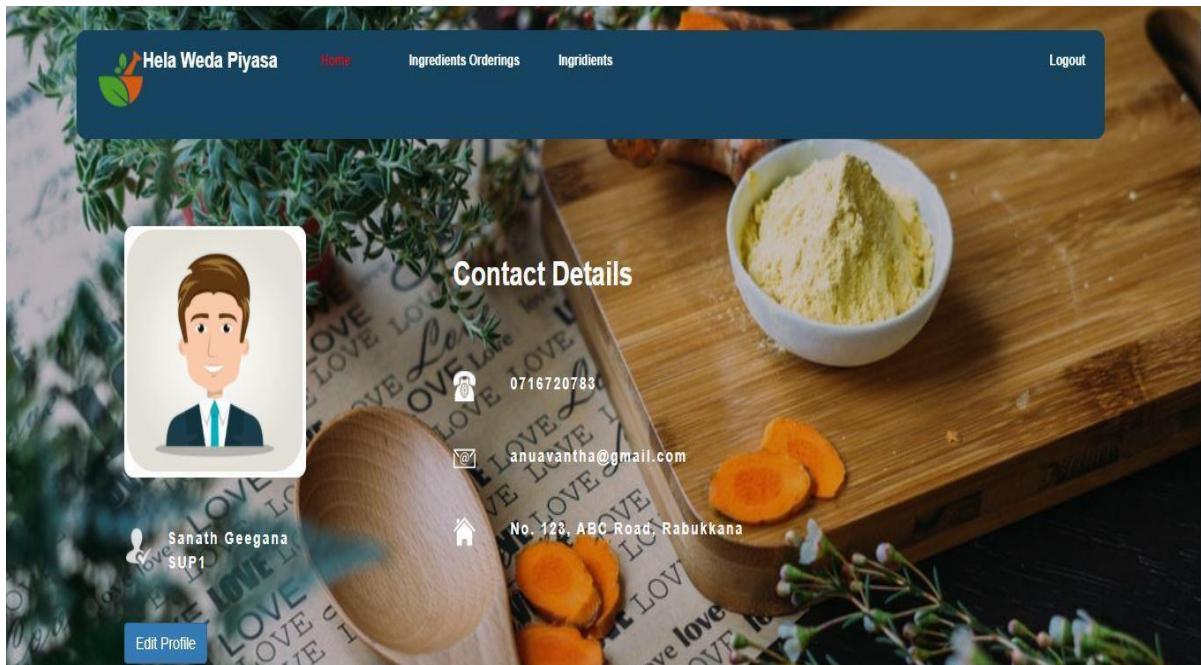
# Ingredients Supplier's UI

The UI of Ingredients Supplier has 3 features.

1. **Home**
2. **Ingredients Ordering**
3. **Ingredients**

## 01. Home

- If we click the home button it will show the supplier's contact details.



- Here supplier can change his profile.

## 02. Ingredients Ordering

The screenshot shows a web application interface for managing ingredient orders. At the top, there is a navigation bar with the logo 'Hela Weda Piyasa', menu items 'Home', 'Ingredients Orderings' (which is highlighted in red), 'Ingredients', and 'Logout'. Below the navigation bar, the main content area has a title 'Orders' and a search bar with fields for 'Search Order By Producer ID' (with placeholder 'mm/dd/yyyy'), a date input field, a search icon, and a 'Producers' button.

Ingredient Orders	Producer Name	Order Date	Order status
<a href="#">View</a>	Nishantha Herath	2020-04-06	Issued
<a href="#">View</a>	Nishantha Herath	2020-05-20	Issued
<a href="#">View</a>	Krishanthi Samarakoon	2020-06-21	Issued
<a href="#">View</a>	Nishantha Herath	2020-07-06	Issued

- If he clicks on it, it shows all details of orders such as ingredient orders, producer names, order dates and order status.
- Here he can search order ingredients by producer's ID. He can view ingredient orders too. And he can see the specific order is issued or not.

This screenshot shows the same 'Orders' page as above, but with a modal window open over it. The modal is titled 'Producers Details' and contains a table with columns 'Producer Name' and 'View'. It lists three producers: Ganesh Darmapala, Krishanthi Samarakoon, and Nishantha Herath, each with a 'View' button next to their name.

Producer Name	View
Ganesh Darmapala	<a href="#">View</a>
Krishanthi Samarakoon	<a href="#">View</a>
Nishantha Herath	<a href="#">View</a>

At the bottom right of the modal, there is a red 'Close' button.

### 03. Ingredients

The screenshot shows a web application interface for managing ingredients. At the top, there is a navigation bar with the logo 'Hela Weda Piyasa' and links for 'Home', 'Ingredients Orderings', 'Ingredients', and 'Logout'. Below the navigation bar is a search bar with two input fields: 'Search Ingredient By ID' and 'Search Ingredient By Name', followed by a blue button '+ Add New'. The main content area is titled 'Ingredients' and displays a table with six rows of data. The table has three columns: 'Ingredient ID', 'Ingredient Name', and 'Description'. Each row contains a 'View' button in the 'Description' column. The data in the table is as follows:

Ingredient ID	Ingredient Name	Description
001	Aralu	<button>View</button>
002	Iguru	<button>View</button>
003	Katuwal Batu	<button>View</button>
004	Beli	<button>View</button>
005	Walmi	<button>View</button>
006	Wanaraja	<button>View</button>

- If he clicks on it, it will show all details of ingredients.
- He can search specific ingredient by its ID and it can view the description.

