DentalCare: Appointment And Patient Record Management System

User's Manual

Home Page- This page is the first page viewed by the visitors. The visitors will view detailed information about each service, including features, benefits, and how the service works. It contains the homepage, where all initial information is displayed. Next is About Us, where detailed information about the clinic is displayed. Next are the services and contact information, where the visitors can get in touch with the front desk or assistant for their inquiries and concerns.

The content of services and some information in the about and footer can be added and modified by the administrator just in case there are any changes to the process or information of the clinic.

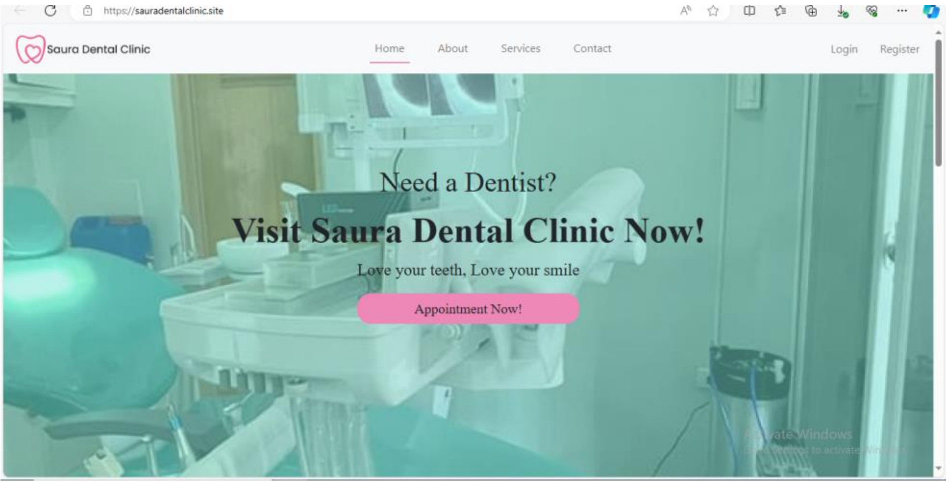

Plate 1: **Homepage**

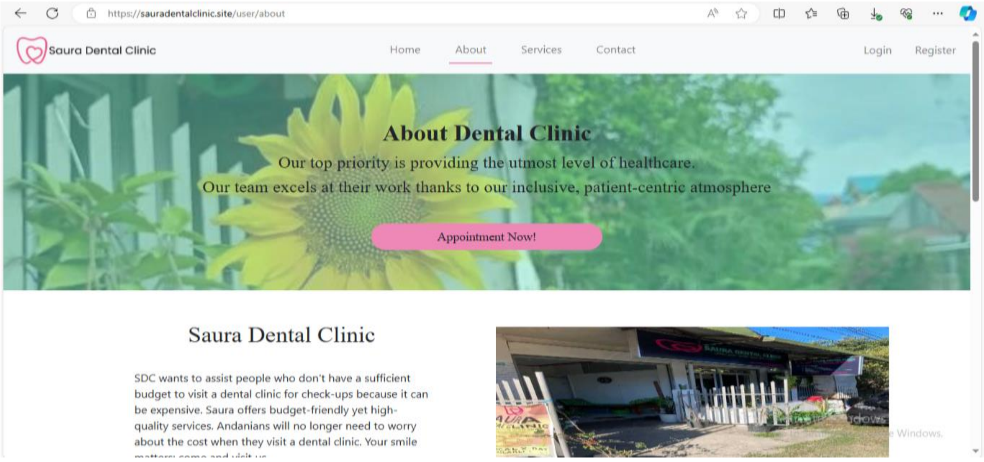

***Plate 1.1*: About Us**

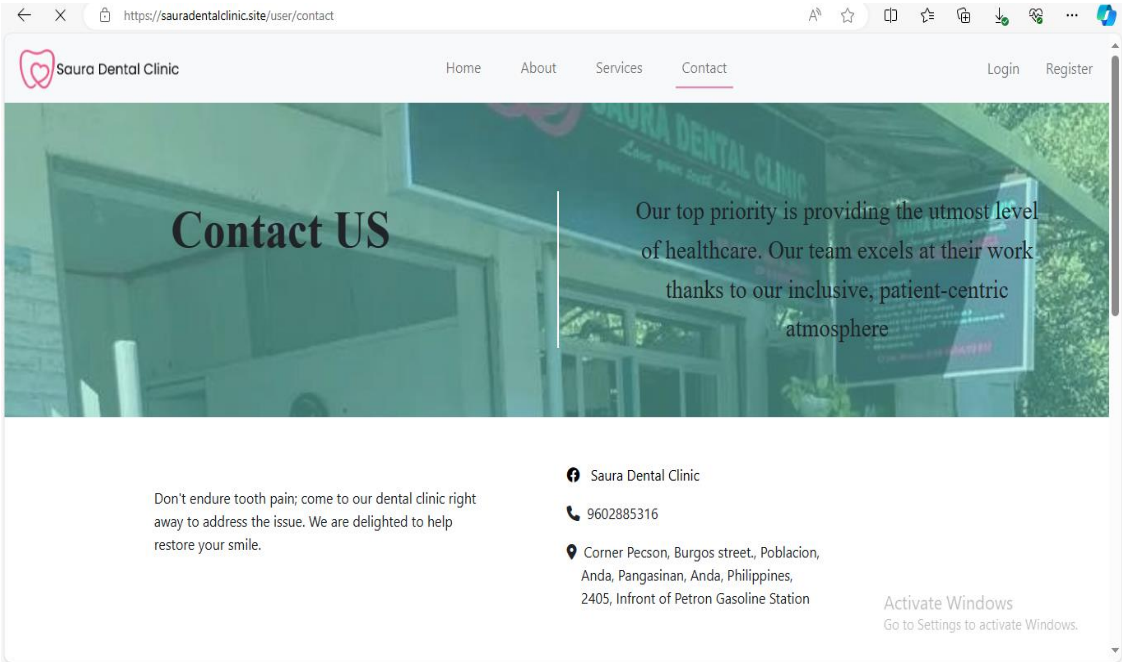

Plate 1.2: **Contact Us**

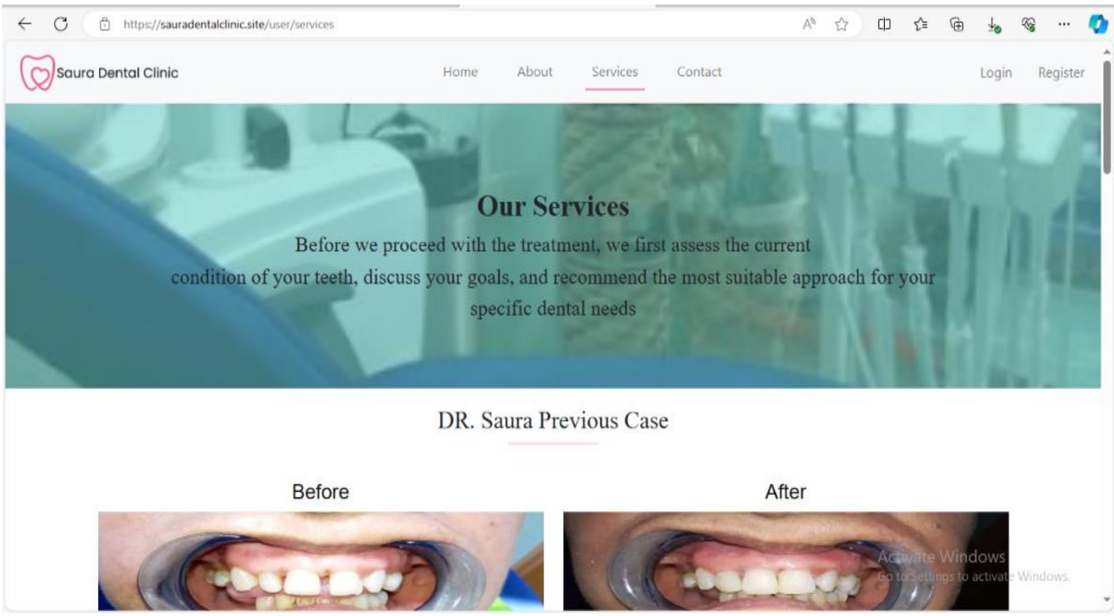

Plate 1.3: **Our Services**

Admin Side

Login Page - The DentalCare System has two different user roles: the patient and the admin. The admin is required to login with his or her credentials using a unique username and password. Upon successful login, the admin is typically directed to a dashboard that provides an overview of key metrics or tasks.

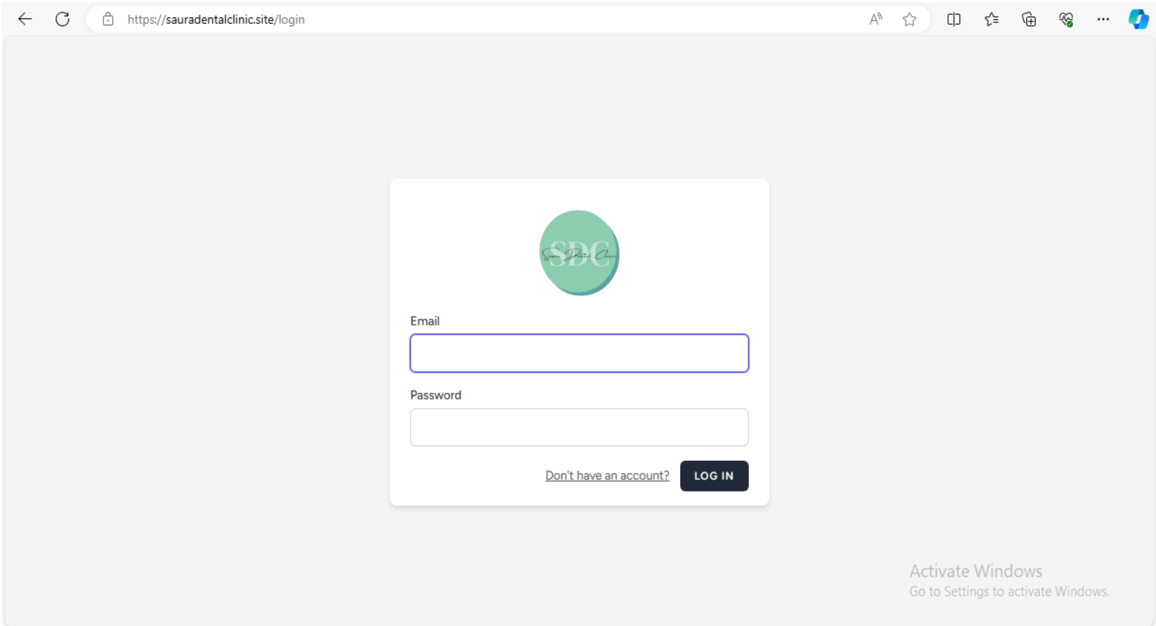

Plate 2: **Login Page**

ADMIN PAGE/ADMIN DASHBOARD - The admin page is the central control hub within the dental clinic's system, offering administrators a comprehensive platform to manage clinic's operations. Upon login, the Admin can see how many pending, scheduled, cancelled or completed appointments they have and also if they have out of stock products. The admin can gain access to a detailed dashboard providing an overview of key metrics, including appointment scheduling, patient records, and inventory management.

Navigating through different parts of the website:

a. **Sidebar** - this sidebar serves as navigation and information hub, providing users with quick access to various sections. If they click the titles, they will be directed to the section they want to manage.

b. **Current Logged in account** - The administrators can see their name if they are currently logged in.

c. **Logout icon** - If the administrator wants to logout, they just simply click the icon.

d. **Generate Report** - In the page, the admin can see and track the mostly availed services.

e. **Card** - On this webpage, the admin can view the number of appointments and users they have. Additionally, the admin can check if they are running out of dental equipment that needs to be ordered or purchased. A product will be marked as "out of stock" if its quantity is less than five. The admin can click on the cards to redirect to their respective pages.

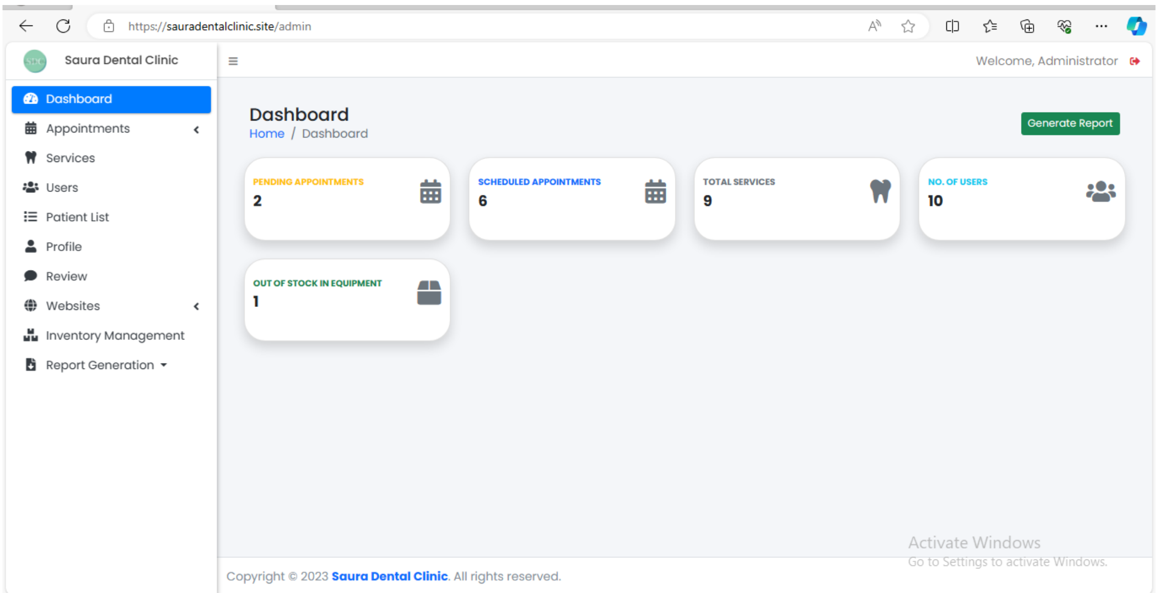

Plate 3: **Administrators Page**

I. Appointment - The second title in the sidebar is "Appointment," and if the administrators click it, there is a drop-down menu that shows different sub-menus related to appointments.

i. Number of Appointments - Each submenu will have an indicator showing the number of appointments on each page.

ii. Pending Approval - In this submenu, administrators can view and request appointments from patients. They can see the appointment ID, patient name, desired date, status, and action. In the "action" section, administrators can choose to approve or decline the appointment for specific reasons.

a. Approving the Appointment - Before approving the appointment, administrators will first review the patient's medical history to assess their medical conditions and determine appropriate actions.

b. Declining the Appointment - If administrators choose to decline the appointment, they will need to provide a reason for the decline. The patient will be alerted regarding the approval status of their appointment.

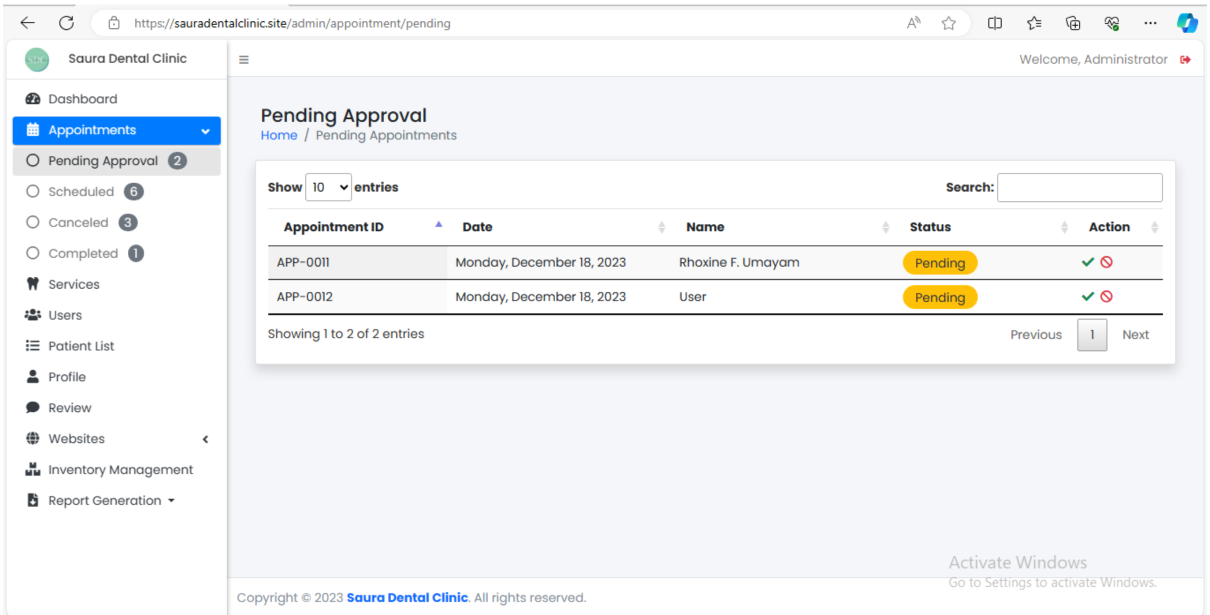

***Plate 3.1*: Pending Approval**

iii. Scheduled Appointment - If the administrators approve the patients' appointments, it will be directed to the Scheduled page. Here, they will see an action button again to manage **whether the appointment is marked as completed or incomplete.**.

a. Check icon

If the appointment is completed

Step 1: Click the check icon

Step 2: It has a modal show and select what the patient availed and fill out the prescription of the dentist.

Step 3: After filling up the field, click COMPLETE button.

b. Cancel Button

If the appointment is cancel or the patient unable to attend his/her appointment

Step 1: Click the cancel icon

Step2: The modal is show and fill out the reason why its cancelled.

Step 3: After filling up the field, click CANCEL APPOINTMENT button.

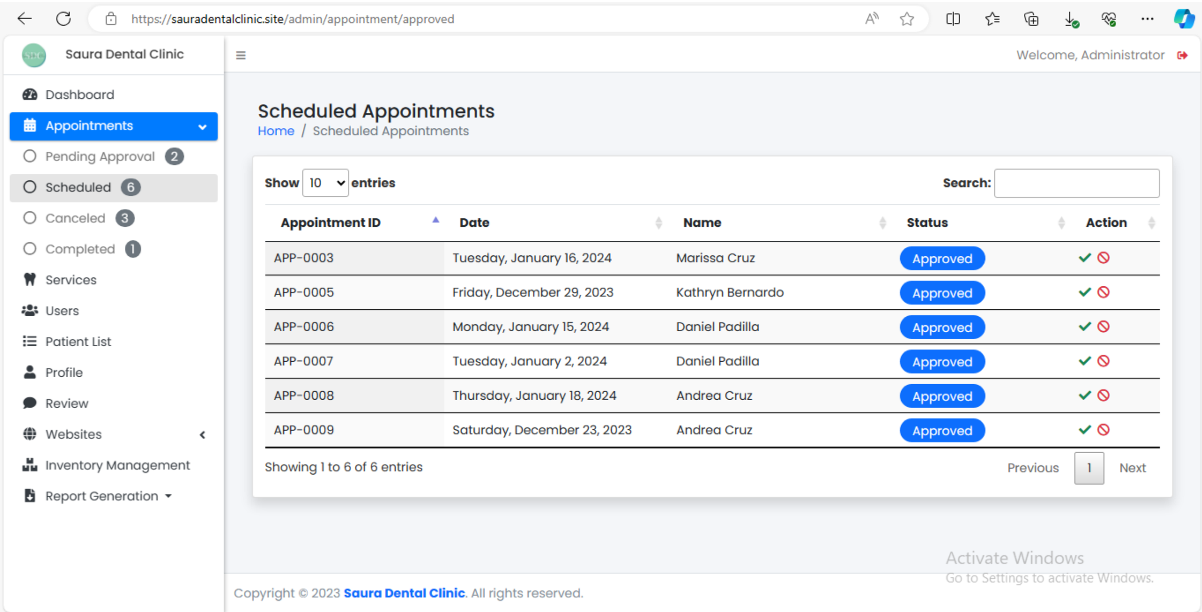

Plate 3.2: **Scheduled Appointments**

iv. Cancelled Appointment -If the appointment is declined, it will be directed or moved to the canceled page. The administrators can view a list of all canceled appointments, including the patient ID, name, and date.

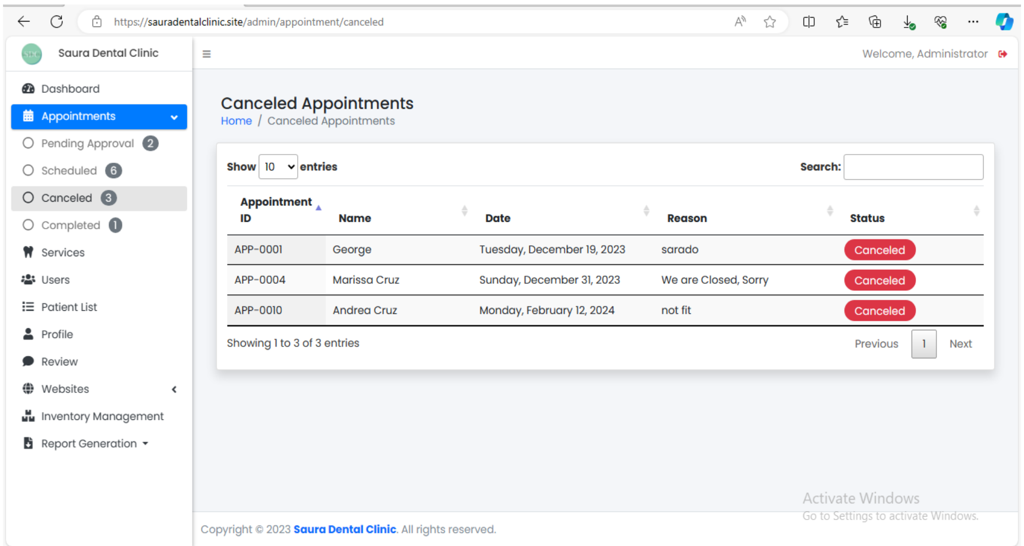

Plate 3.3: **Cancelled Appointments**

v. Completed Appointment - For instance the patient is done to its appointment, and Administrator mark it as completed. All the list of completed appointment will display here, including the e patient id, name, date, availed services, price, and prescription.

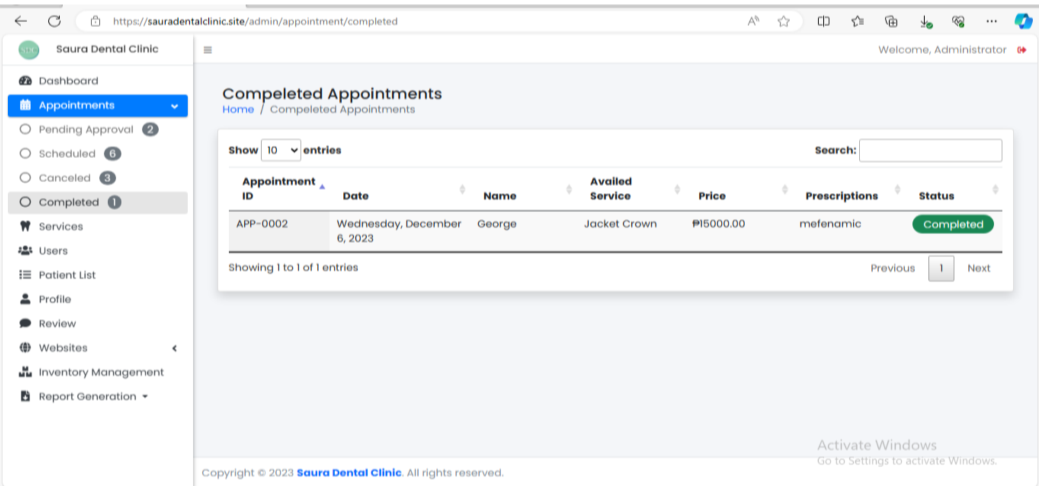

Plate 3.4: **Completed Appointments**

II. Services - On this page, the administrator can manage the services offered in the dental clinic. All added services will be displayed here, and the administrator has control to add new services. Additionally, the website comes with default services when we run the "php artisan db:seed" command.

a. Add Services Button

Step 1: Click the Add New Service button.

Step 2: Fill up all the fields.

Step 3: After filling up all the fields, click the ADD button.

b. Edit Icon

To update or edit the services info

Step 1: Click the edit icon

Step 2: Update the information or fields you want to change

Step 3: After applying the changes, just click the SAVE button.

c. Delete Button - If the Administrator wants to delete the services, just click the delete icon. It has modal pop up, questioning you, if you really want to delete this services. If yes then click the DELETE button.

d. Search Button - For instance, you have a lot of Services, you can easily search it at the search bar

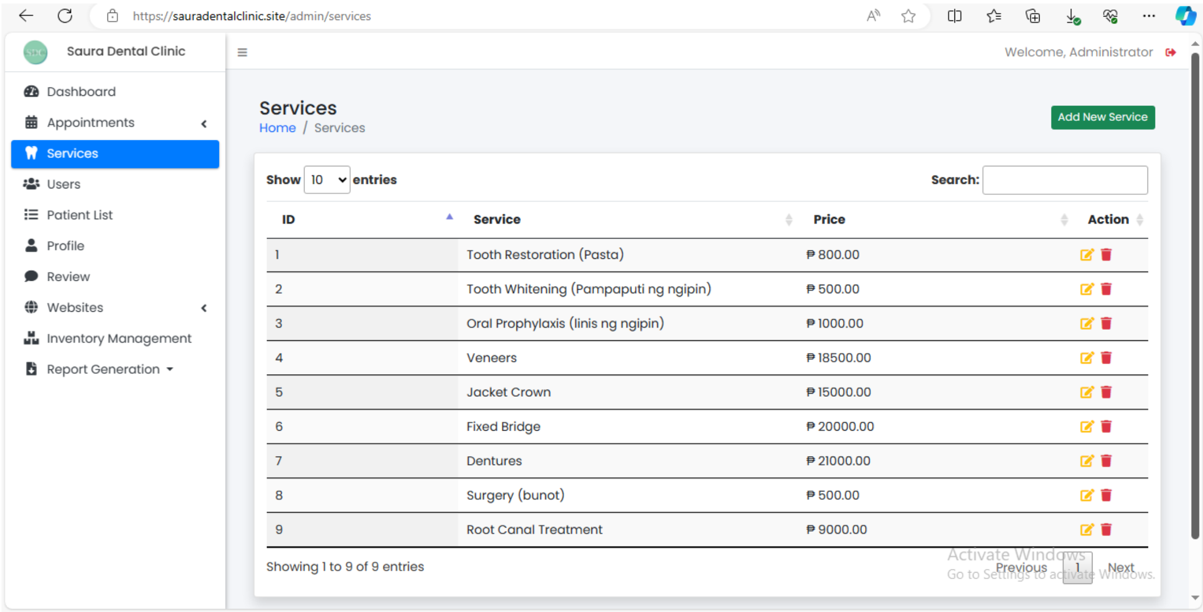

Plate 4: **Services Page**

III. Users - On this page, the administrator can manage the accounts of all registered users. The administrator has the ability to add accounts for both patients and admins. Additionally, patients can also register their own accounts.t.

a. **Add New User** - To create a new user account, the administrator navigates to the "Create User" section. Here, they input essential details such as the name, email address, initial password and assign role. Through their roles, it specifying which features, functions, or data the user can access based on their role within the system. For example, an administrator might have full access, while the patient roles may have more limited access.

b. **Edit or Update the user information** - For example, the user forgot his/her email or password. They can coordinate with the Administrator to know or change their password or email.

c. **Delete the user information** - If the Administrator wants to delete the user, just click the delete icon. It has a modal pop up, questioning you, if you really want to delete this user. If yes then click the DELETE button.

d. **Search Button** - For instance, you have a lot of Users, you can easily search it at the search bar

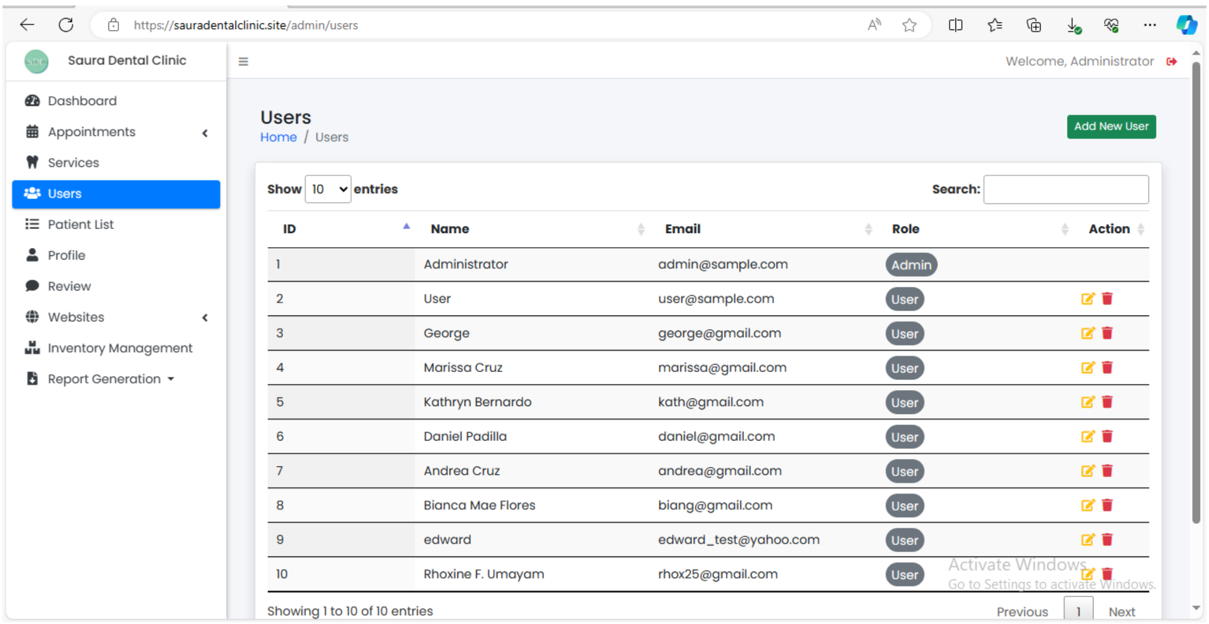

***Plate 5*: User Management Page**

IV. Patients List - This page will display a list of all patients, allowing the admin to view their information, medical history, and appointments. This feature enables the admin to easily track and monitor patient information.

- **a. To view the records of the patient**, just click the EYE icon
- **b. Search Button** - For instance, you have a lot of patient records, you can easily search it at the search bar.

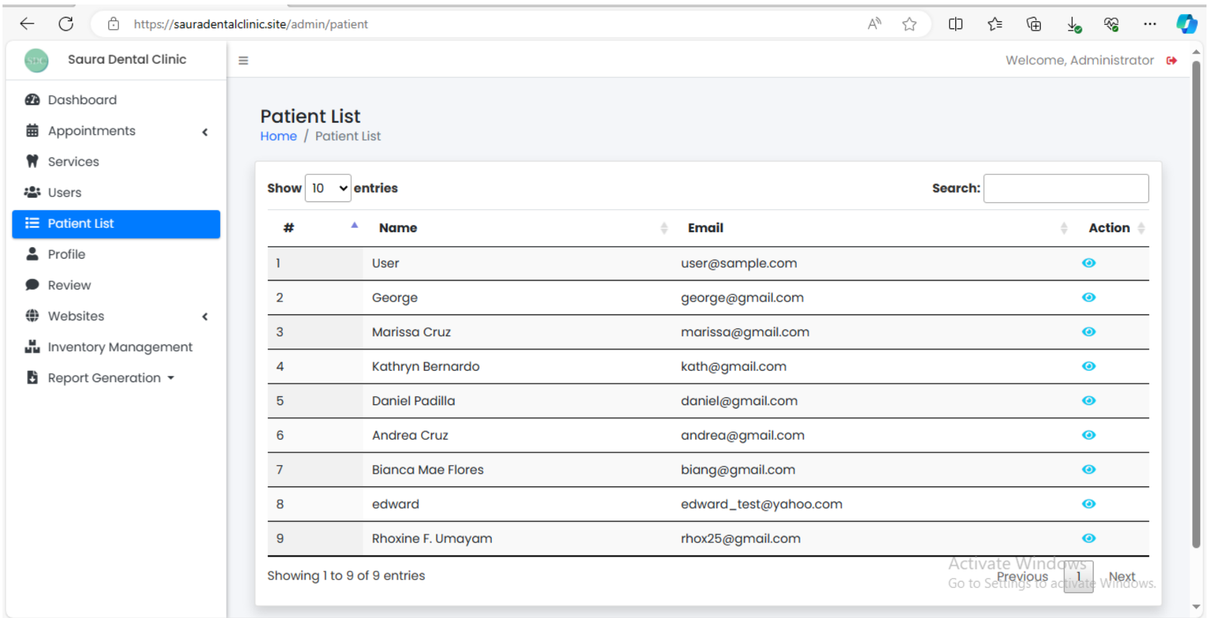

***Plate 6*: Patients List Page**

V. Profile - This page will display the personal information of those currently logged in. They can modify it and change the password.

- **a. Add your personal information**

  Step 1: Fill up the fields

  Step 2: After filling up the field, click the SAVE button.

- **b. Change Password**

  To change the password, ensure that you know your old password.

  Step 1: Fill up the fields needed which is the old password, your new password and confirm password.

  Step 2: After filling up the fields, click the SAVE button and if the password matched, your password is changed.

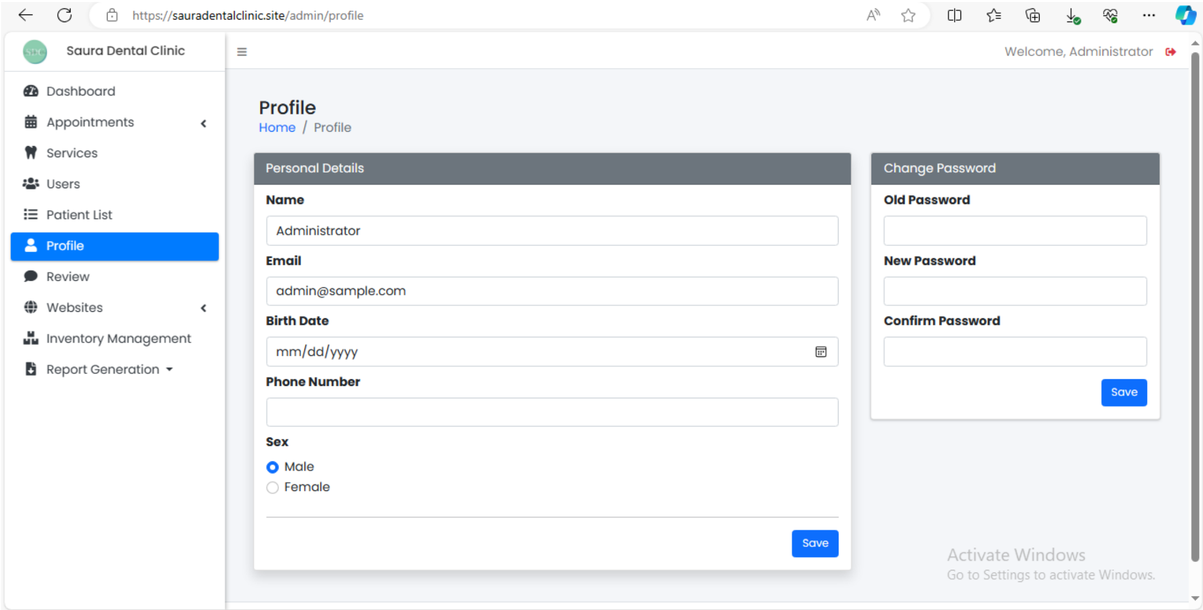

***Plate 7*: Profile Page**

VI. Review - This page will showcase all feedback received from patients. Patient reviews offer valuable insights to the admin, providing feedback on the overall quality of services offered by the clinic. This information aids the admin and the healthcare team in identifying areas for improvement, addressing concerns, and enhancing the overall patient experience.

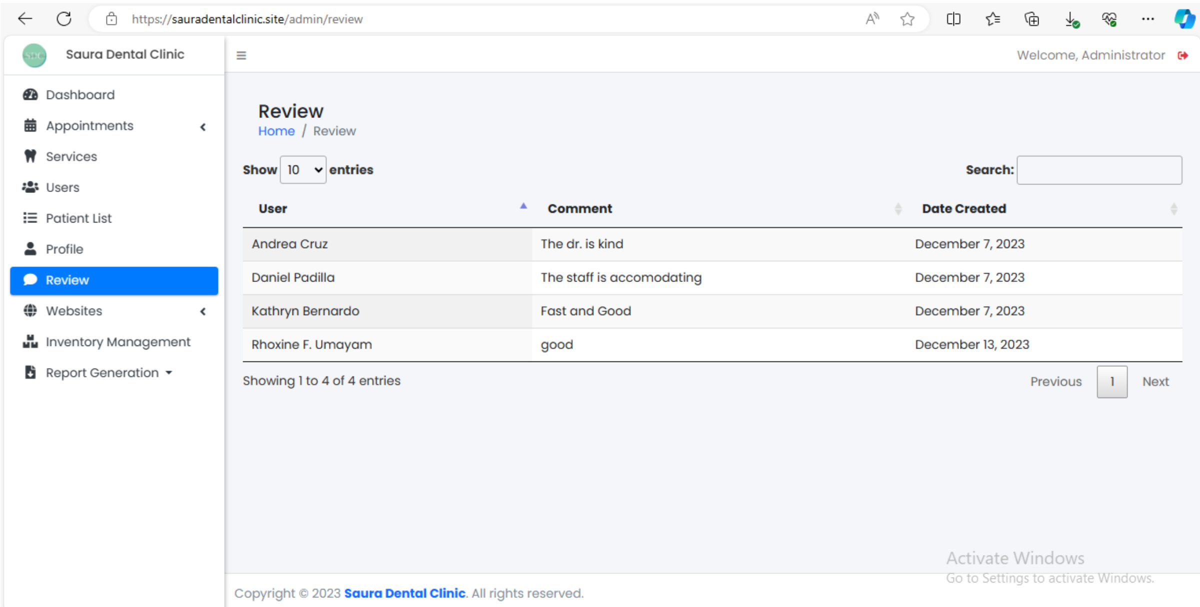

***Plate 8*: Review Page**

VII. Websites Management - On this page, the administrator can control the content displayed on the website's first page, ensuring that visitors receive information about the clinic's offerings, details about the clinic, and information about service providers. This feature helps visitors efficiently navigate and find the specific type of service they are interested in.

a. Add services in the visitors website

Step 1: Click the services sub-menus

Step 2: Click the Add Services Button

Step 3: Fill up the required fields and insert an image with jpg, jpeg, png and gif.

Step 4: After filling up all the fields, click the SAVE Button.

b. Add gallery in the visitors website - In this page, the Administrators will insert all the images of their previous work or case. To show with patient the sample work and quality of the work of dental clinic.

To insert an image

Step 1: Click the Add Gallery Button

Step 2: Insert an image for before and after

Step 3: After insert an image, click the SAVE button

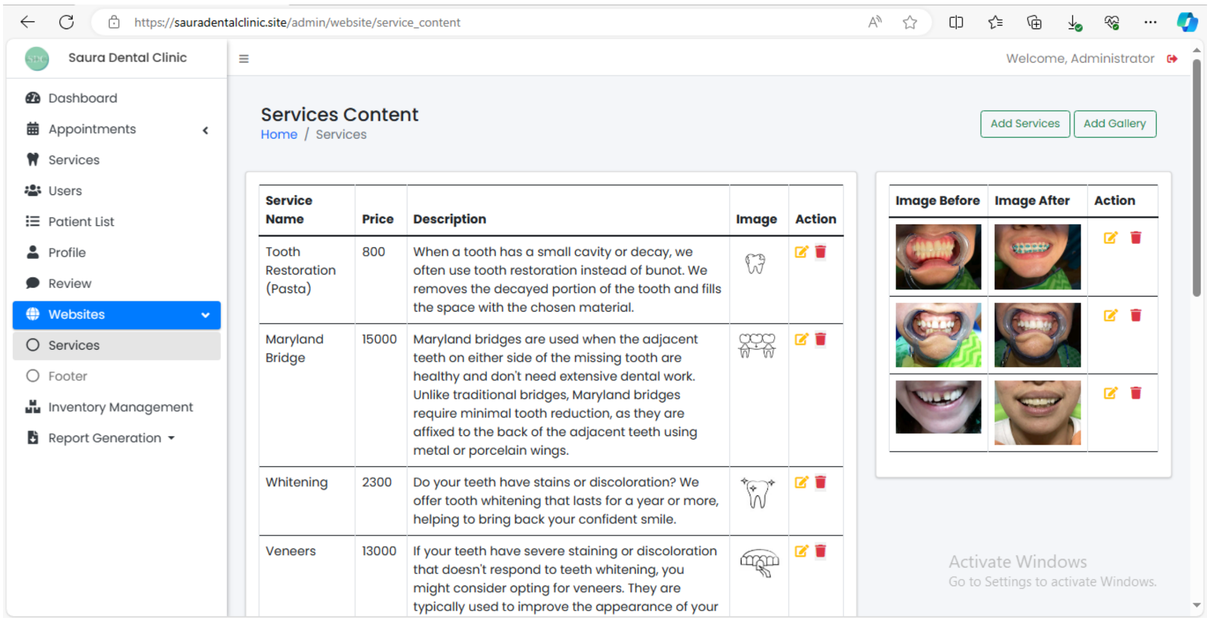

Plate 9: **Website Management (Services Offered)**

c. Add information for about and footer

Step 1: click the Footer sub-menu

Step 2: Click the Add Footer button

Step 3: Fill up the required fields such as the logo, facebook name,clinic address, phone number, copyright, days open and hours clinic. (each fields have a validation)

Step 4: After filling up all the fields, just click the SAVE button.

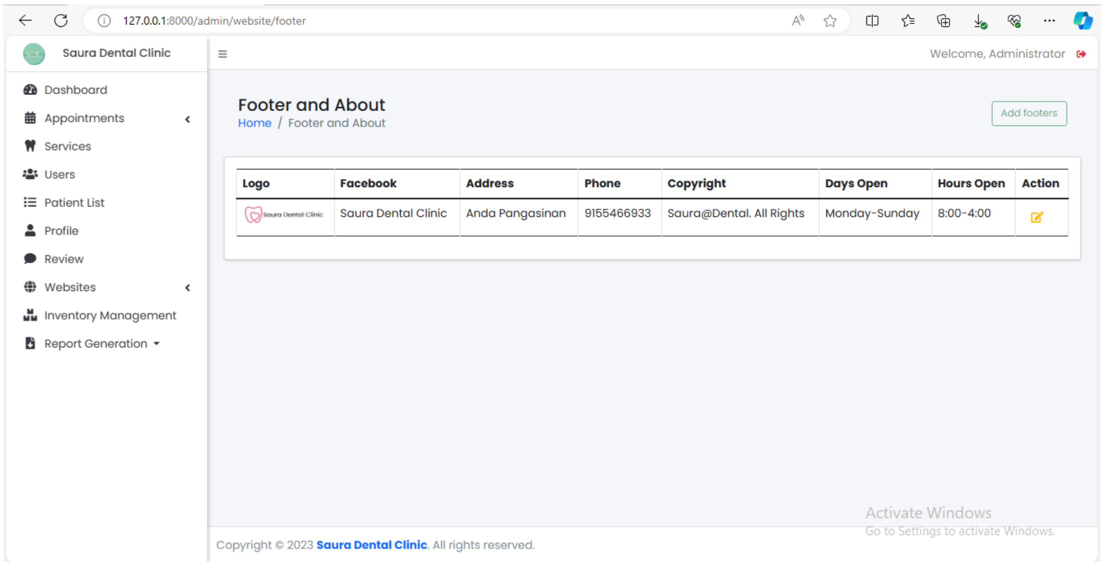

***Plate 9.1*: Website Management (About & Footer Information)**

VIII. Inventory Management -The administrator's role in inventory management involves overseeing, controlling, and tracking the availability of dental equipment or products. This ensures awareness of whether there is a need to repurchase items that are currently out of stock.

a. First, the Administrators need to add categories, so the products are categorised and easy to monitor.

Step 1: Click the ADD CATEGORY button

Step 2: Fill up the required fields

Step 3: Click the SAVE button.

b. Add new product

Step 1: Click the Add Products

Step 2: Select where category the products belong and Fill up the field (each fields have a validation)

Step 3: Click the SAVE button.

c. Decrement Quantity - To decrease the quantity, the Admin don’t need to click the edit button, they can simply click the minus icon and it will decreased based on how many products you used during the procedures.

d. Edit Products -If has a changes

Step 1: Just click the edit icon

Step 2: Apply your changes

Step 3: once all done, just click the UPDATE PRODUCT button

e. View all the products information - Click the eye icon and it will display all the information of the products

f. Delete the Products/ Equipment - If the Administrator wants to delete the Products/ Equipment, just click the delete icon. It has alert pop up, questioning you, if you really want to delete this user. If yes then click the OK button

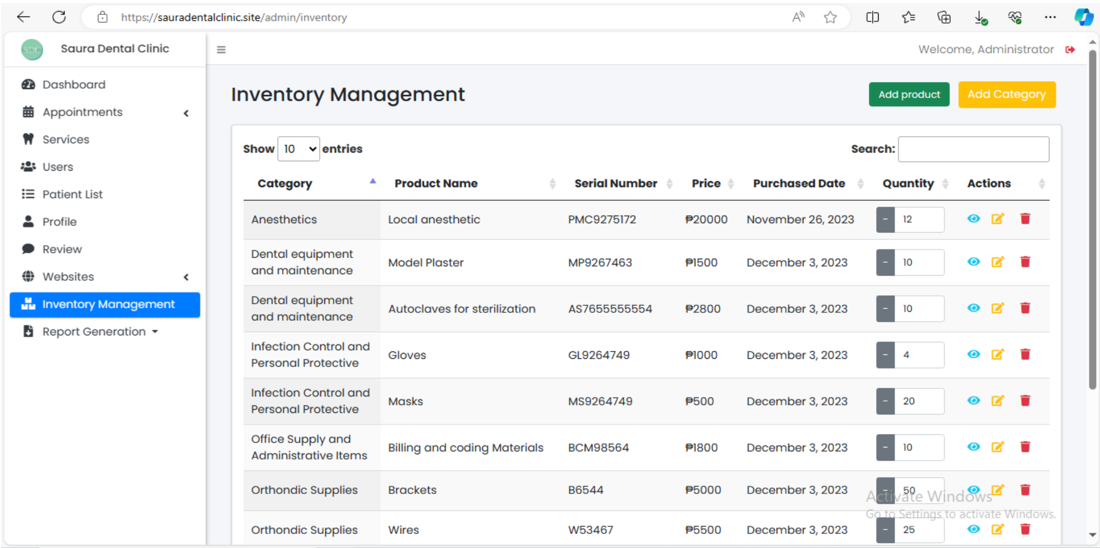

***Plate 10*: Inventory Management Page**

IX. Report Generation - The inventory management system stores data related to product details, supplier information, serial numbers, quantities, and more. This system allows for monitoring products and analysing data within a selected time period. The filtered data can be downloaded for further review.

i. **Filter the Products**

a. To Filter the products

Step 1: Admin can click on an input field, and a calendar widget will appear, allowing them to choose a date by clicking on the desired day.

Step 2: Click the Filter Products button

Step 3: All product purchased between the selected date will display

b. **Download the data -** For instance all the products that purchased between that selected dates will display, The admin can download it as PDF file, CSV, EXCEL, can also print and copy.

c. **Search button -** Assume, we have a lot of products, you can search it by its name or serial number because it unique.

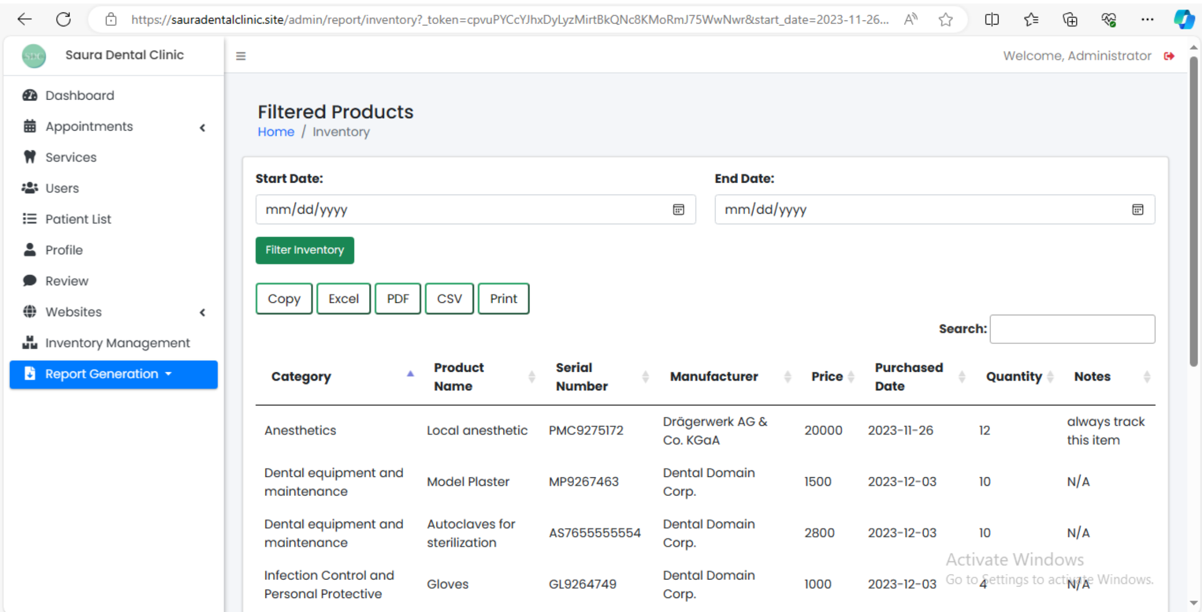

Plate 11: **Report Generation (Filter products)**

ii. Filter the appointment

a. To Filter the appointment

Step 1: Admin can click on an input field, and a calendar widget will appear, allowing them to choose a date by clicking on the desired day.

Step 2: Click the Filter Appointment button

Step 3: All Appointment record will display, including the patient name, date, status and if the status is completed it will show the price of availed services and will compute the total amount of their profit with that date.

b. **Download the data** - For instance all the appointments are displayed, The admin can download it as PDF file, CSV, EXCEL, can also print and copy.

c. **Search button** - Assume, we have a lot of appointments, you can search it by its Patient name.

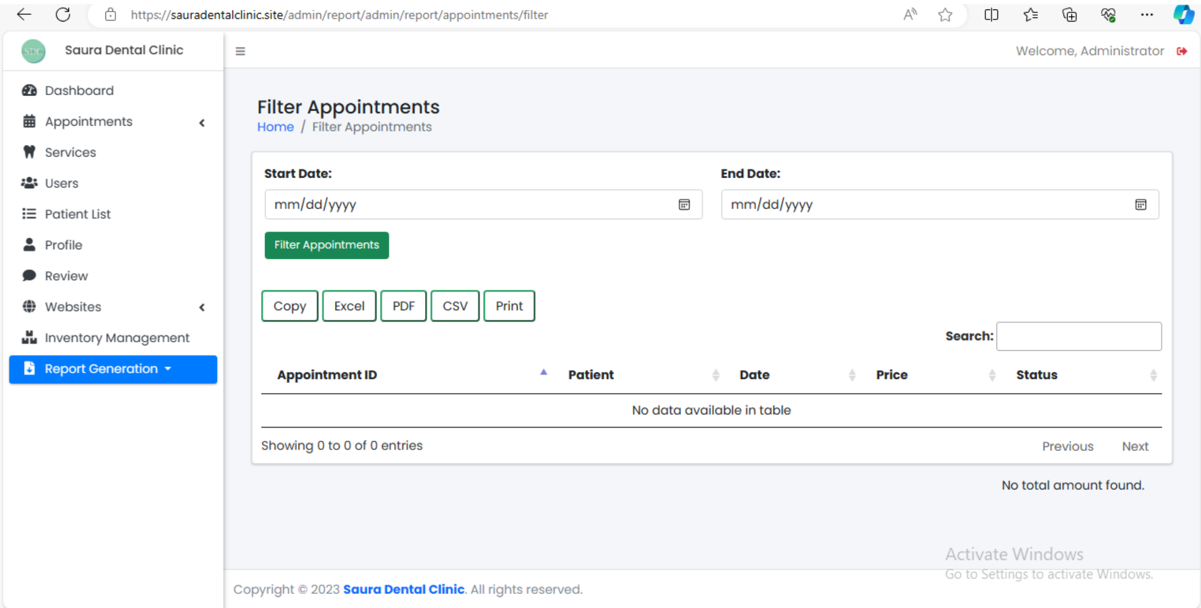

Plate 11.1: **Report Generation (Filter Appointment)**

Patient Side

I. **Registration** - The registration has a default value which is users/patient, since the administrators has a default value. If they want to set an appointment, they are required to make an account. If they don't know how to create, they can cooperate with the administrators to create an account for them and all they need is to login.

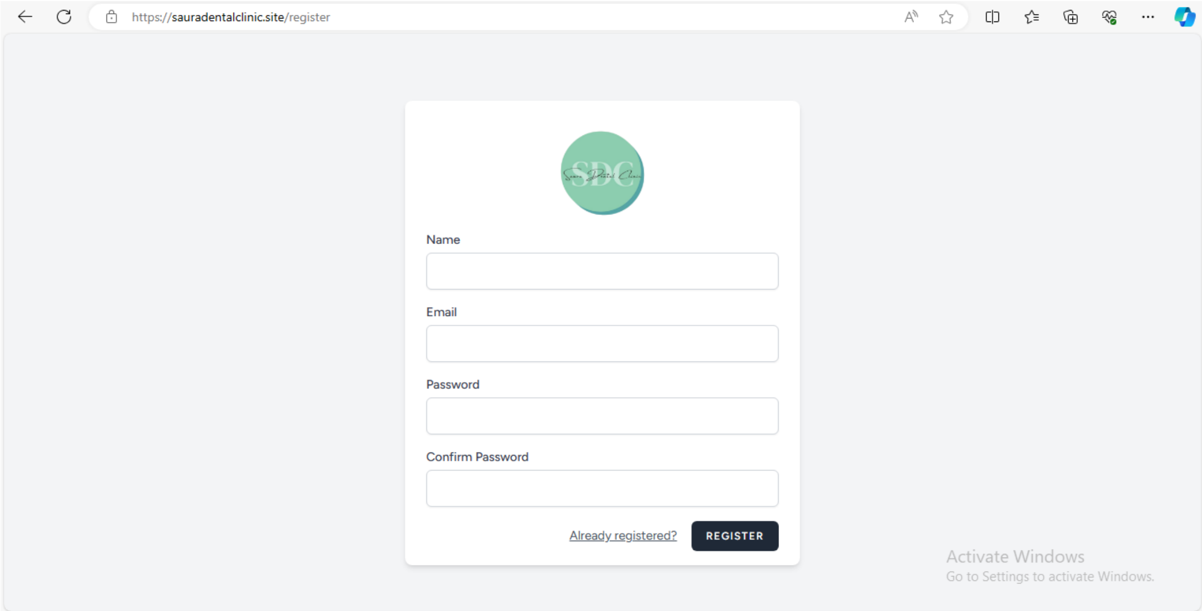

***Plate 12*: Registration Form**

II. **Patient Dashboard** - The same with the admin, they can see here the number of their appointment but unlike admin. They can only viewed the number of their appointments only.

Navigating through different parts of the website:

a. **Sidebar** - As we can see the patient has a limited access only at the sidebar, the dashboard, appointment, profile, and review. If they click one of that section they are directed to their designated page.

b. **Current Logged in account** - The patient can see their name if they are currently logged in.

c. **Logout icon** - If the patient wants to logout, they just simply click the logout icon.

f. Appointment Card - In this web page, the patient can see the number of his/her appointments only. To make them monitored, if their appointment is approved or declined by the administrators. The card is clickable, if the patient clicks it, they will be directed to the page they want to access.

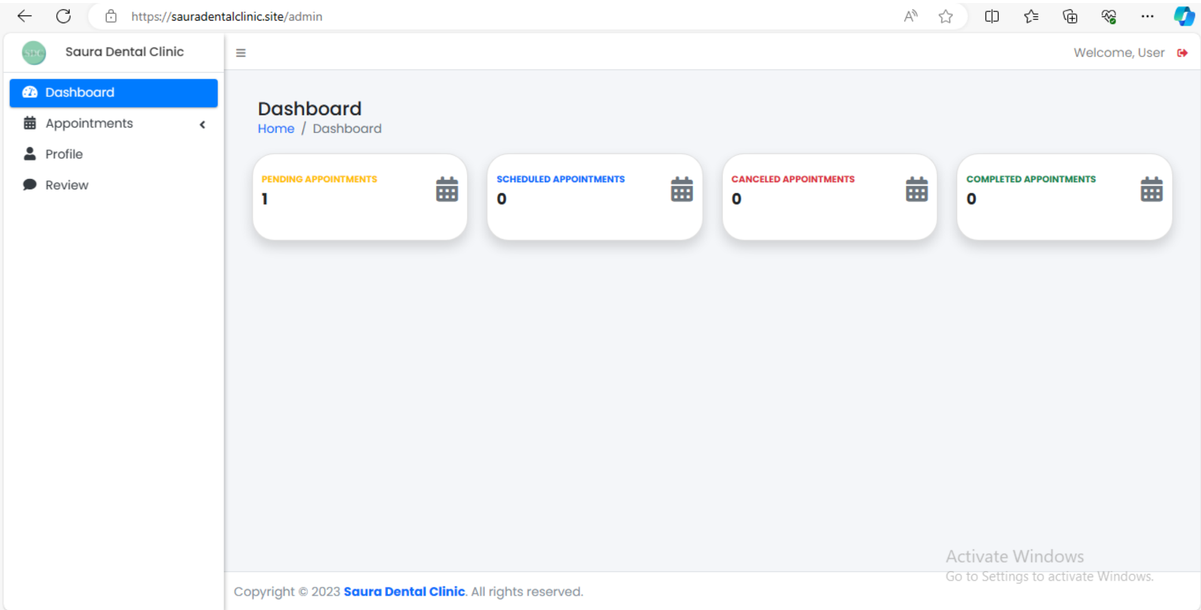

***Plate 13:* Patient Dashboard**

I. **Appointment -** The second title in the sidebar is Appointment, and if the patient clicks it, It has a drop-down menu that shows different submenus of appointments. Each sub-menus will have an indicator of how many appointments each page has.

   a. Number of Appointment - Each sub-menus will have an indicator of how many appointments each page has.

   b. Pending Approval - If they have a pending appointment, in this page will display all their pending appointments.

   The patient can request appointment

   Step 1: Click the ADD NEW APPOINTMENT

   Step 2: Pick a date you desired to set an appointment

   Step 3: The appointment has maximum capacity which is 10 slots each day. For instance the date still has an slot, After selecting a date

   Step 4: Click the ADD button

c. **Scheduled Appointment** - If the administrators approved their appointment, their appointment will be directed to this page.

d. **Cancelled Appointment** - If the administrators declined their appointment for some reason, their appointment will directed in this page.

e. **Completed Appointment** - For instance, the procedure is done, the administrators will mark it as complete and patient will see his/ her availed services including the price and prescription they need to buy at the pharmacy and take it for their past recovery.

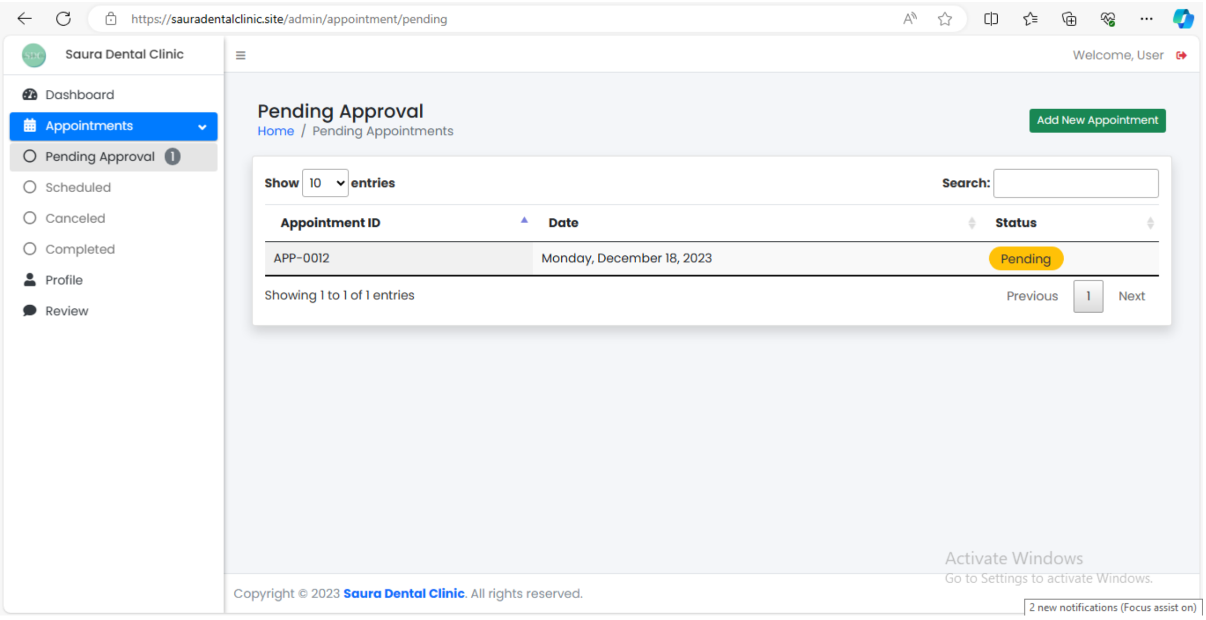

***Plate 14*: Patient Appointments**

III. Profile - In this Page the patient can add their information like their phone number in case that the dentist has a concern, they can easily contact the patient. The patient is required to fill out the medical history, to approve their pending appointments. To know the dentist, if you're fit to undergo a procedure and can plan what is the best service you need.

The patient can also change their password, but they should know their old password to change the password into new one.

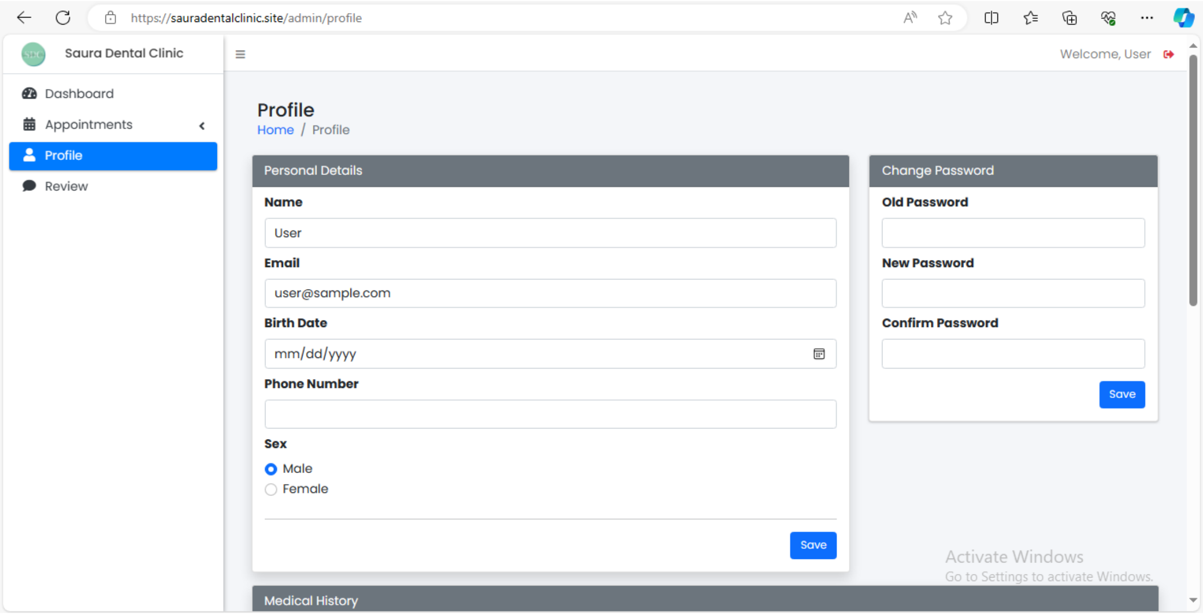

***Plate 15*: Patient Profile**

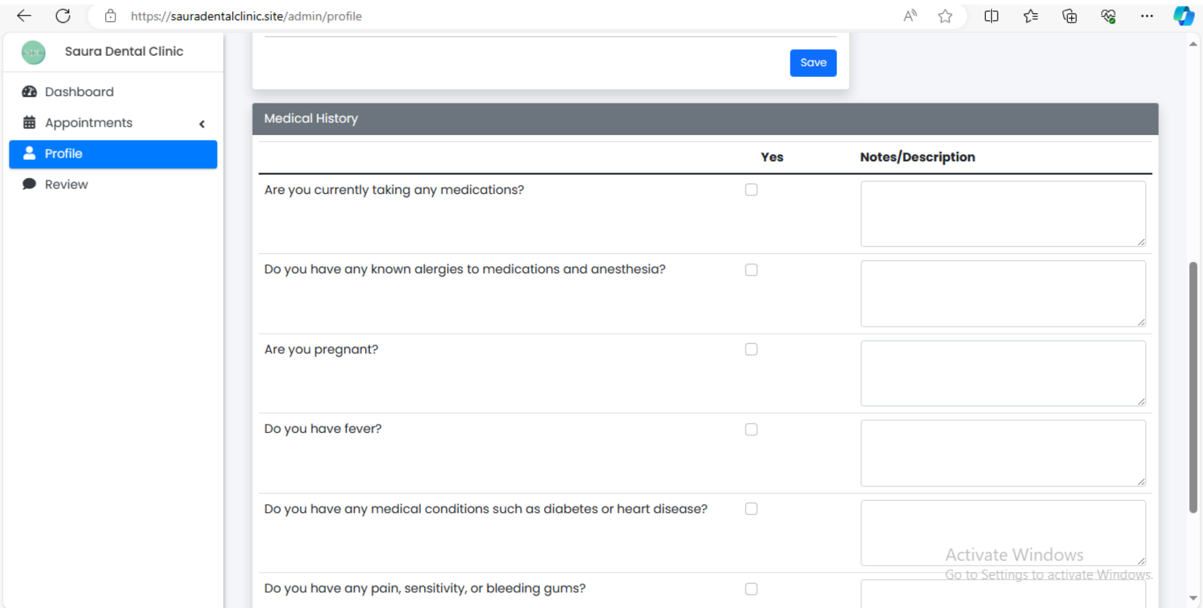

***Plate 15.1*: Patient Profile (Medical History)**

IV. Review - For instance, the patient is done to their procedures the patient can leave a review of how the dentist works and their experience at the clinic . This input helps the healthcare team identify areas of improvement, address concerns, and enhance the overall patient experience.

a. Add A Review

Step 1: The patient will view an textarea where they can leave their reviews

Step 2: Click SUBMIT REVIEW button

Step 3: For instance, the review is added, theres a message will display "Thank you for sending feedback!". The textarea will disappear, indicator that you are not allow to leave a review again.

b. The patient can modify their review.

Step 1: Click the edit icon

Step 2: Apply the changes to your review

Step 3: After applying the changes, Click UPDATE button

c. Delete the Review

Step 1: Click the delete icon

Step 2: There's an alert will pop up, Questioning you that you really want to delete that review

Step 3: if Yes, your review is deleted, and you can leave a feedback again.

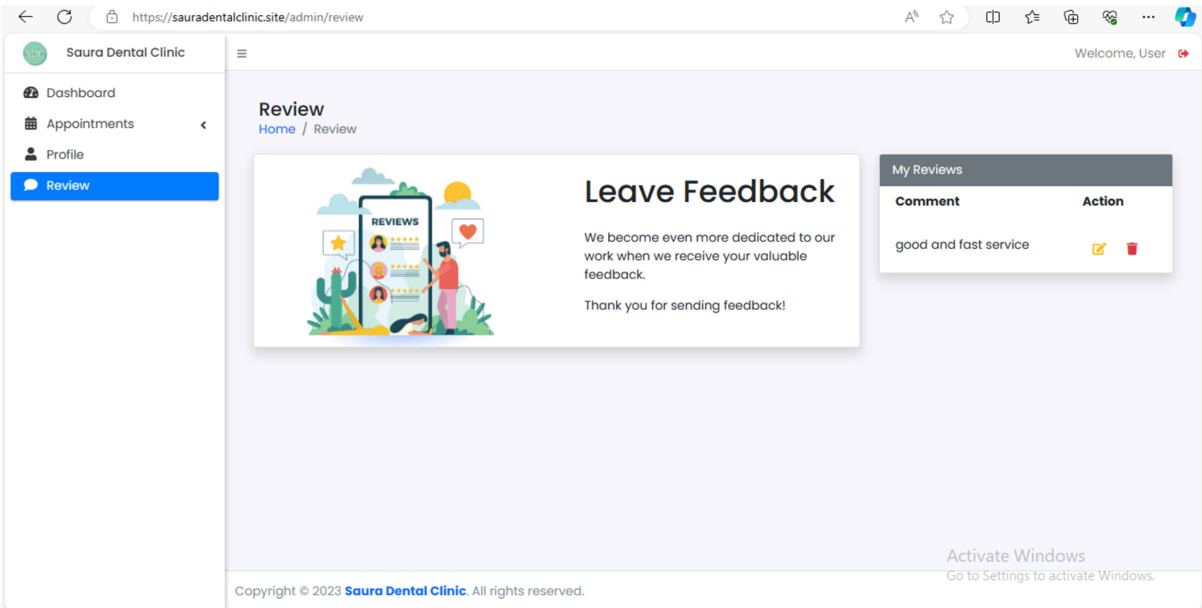

Plate 16: **Patient Review**