



**CTU**

# USER MANUAL

CTUCare Applicaton

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MCSD C# FINAL APPLICATION



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## Splash Screen

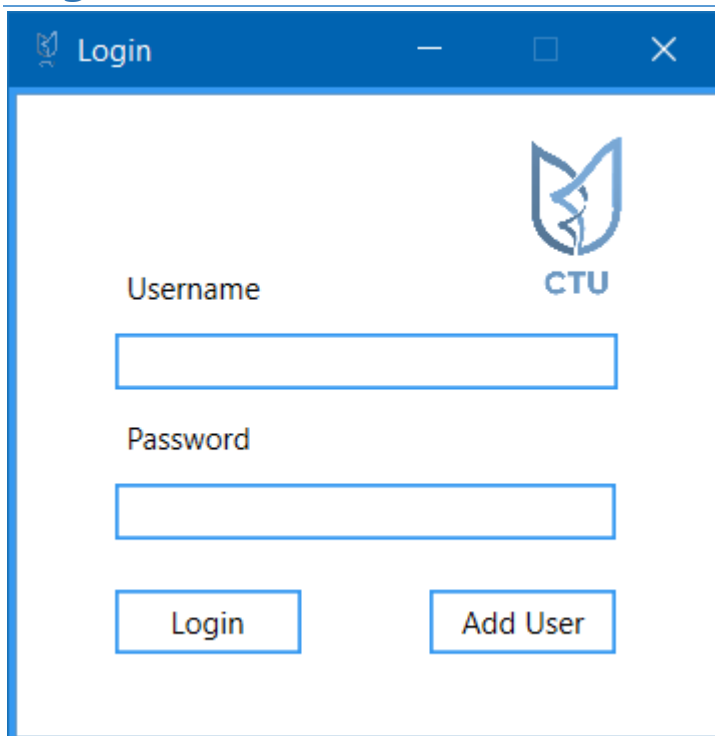
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This is the first screen the user will see when launching the application. It will load for two seconds and then proceed to the login window. There are no intractable features on this window.

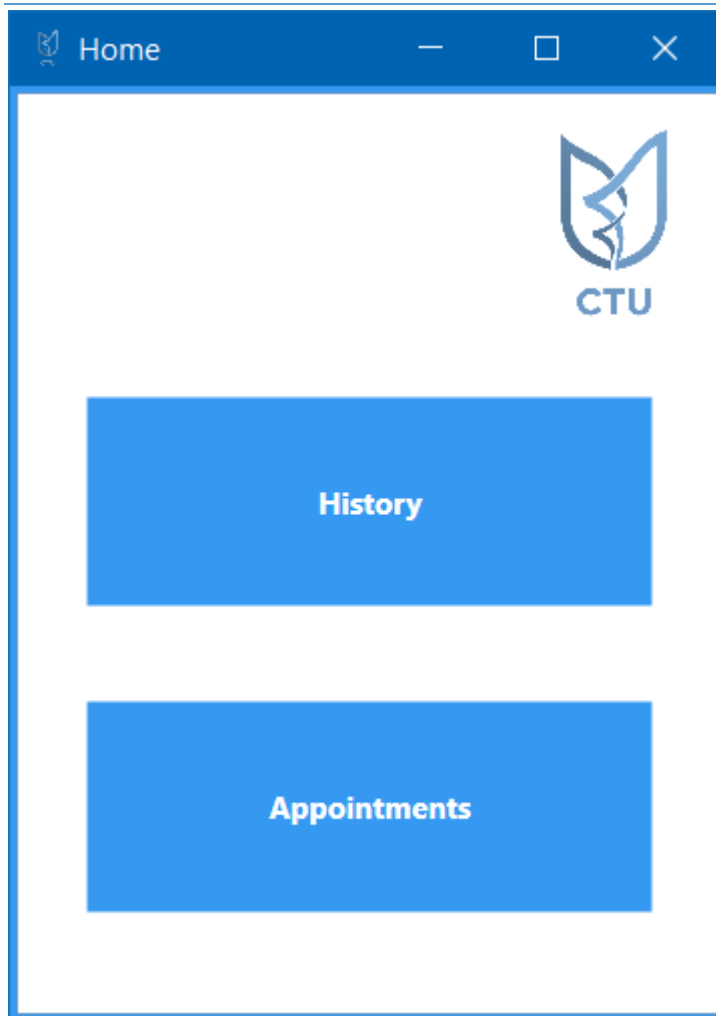
## Login

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The login window is a standard Windows-style application window with a blue title bar. The title bar contains a small icon of the CTU logo, the text "Login", and standard minimize, maximize, and close buttons. The main content area has a white background. In the top right corner of the content area is the CTU logo. Below the logo, the text "Username" is followed by a text input field. Below that, the text "Password" is followed by another text input field. At the bottom of the window, there are two buttons: "Login" on the left and "Add User" on the right.

The login window is the 2<sup>nd</sup> screen in the application. To login one must enter their username in the username field as well as their password in the password field and click the login button. If you are a new user, please click the add user button to add a profile for yourself

## Home



If your login is successful, you will proceed to the home screen where you will be given the option between viewing closed hospital cases (where the patient is no longer in the hospital) by clicking the history button or you can generate/edit appointments by clicking the appointment button

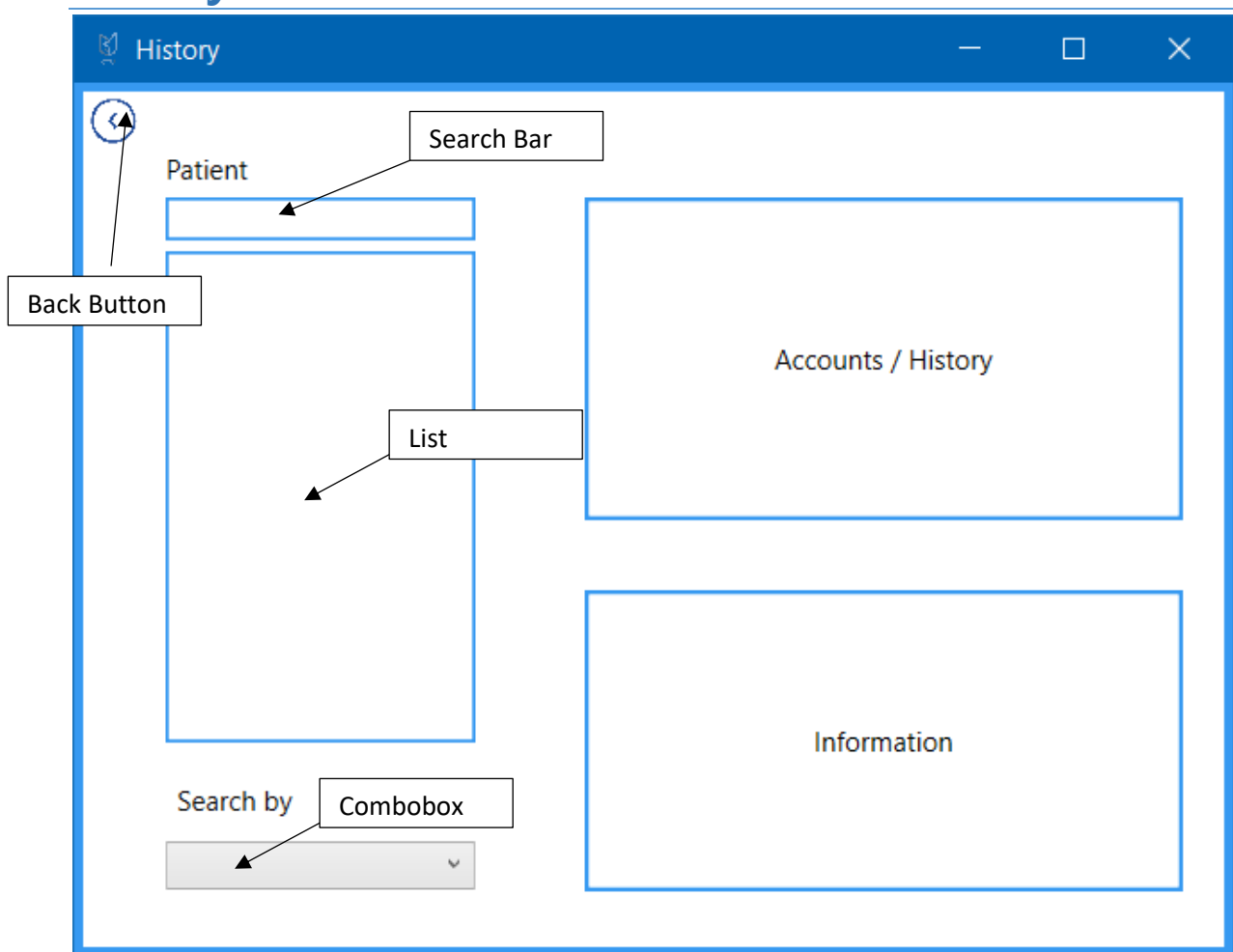
## Add User

The image shows a 'New User' dialog box with the following fields and controls:

- Username**: A text input field.
- Password**: A text input field.
- ☐ **New User has Admin Rights**: A checkbox with an arrow pointing to a label 'Checkbo'.
- Admin Password**: A text input field.
- Add User**: A button at the bottom.

If you are a new user looking to get added at the login screen, this is the screen that appears when clicking add user. Enter you desired username and password in the fields. If you are going to be an admin user, check the checkbox and supply an admin password from an existing admin user. Once all enabled fields are completed, please click add user and proceed to the login page again where you can enter your new details to log in

## History



If you clicked the history button on the home page, you will have the option to view account/statement information as well as patient information on this page. To begin searching for a specific patient, click the combobox to determine how you would like to search the patient and then type your search query into the searchbar.

Once you have selected a patient which will appear in the list, click the accounts / history button to view previous hospital visit information as well as statements for the patient. To view patient information, click the information button.

Click the back button to go back to home

## Accounts

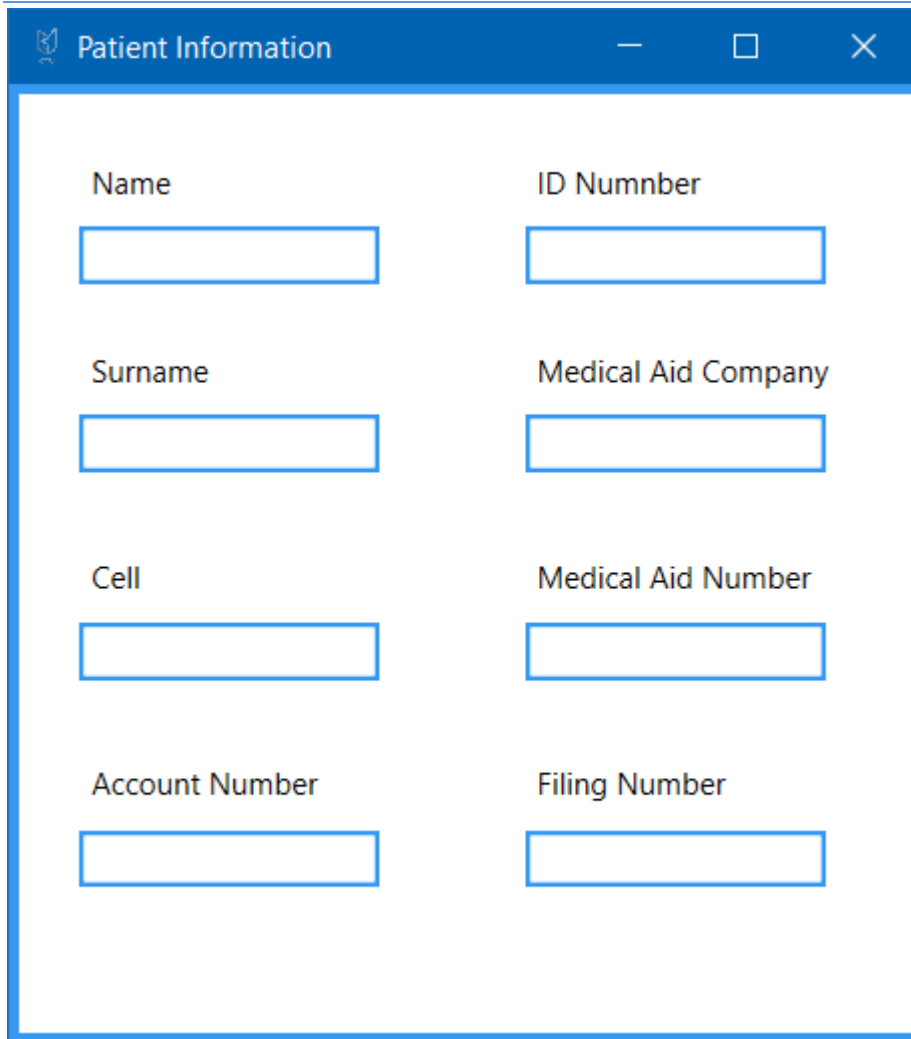
The screenshot shows a software window titled "Accounts and History". It contains four main sections:

- Statement:** A large rectangular area with a label "Statement list" and an arrow pointing to it. Below this area is a "Load" button.
- Procedure:** A large rectangular area with a label "Procedure list" and an arrow pointing to it. Below this area is a "See Price" button.
- Medicines:** A large rectangular area with a label "Medicine list" and an arrow pointing to it. Below this area is a "See Price" button.
- Dr's Consultation:** A series of input fields for "Dr's Consultation", "Dr", "Day In", "Day Out", and "Total".

If the patient that you searched in the history window any closed appointments they will appear in the statement list. To view information about a particular hospital visit, click the visit in the statement list and click load. Administered procedures, medicines, the doctor and his consultation fee, the patient's day in and out as well as total price for that visit will appear. To view individual prices for medicines and procedures, click the item in the relevant list and click the corresponding see price button



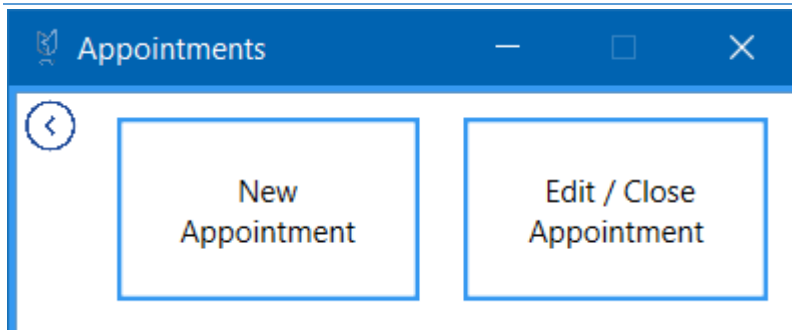
## Information


A screenshot of a web application window titled "Patient Information". The window has a blue header bar with a small icon on the left and standard window controls (minimize, maximize, close) on the right. The main content area is white and contains eight text input fields arranged in a 4x2 grid. The labels for the fields are: Name, ID Numnber, Surname, Medical Aid Company, Cell, Medical Aid Number, Account Number, and Filing Number. Each label is positioned above its corresponding text input box.

Name	ID Numnber
<input type="text"/>	<input type="text"/>
Surname	Medical Aid Company
<input type="text"/>	<input type="text"/>
Cell	Medical Aid Number
<input type="text"/>	<input type="text"/>
Account Number	Filing Number
<input type="text"/>	<input type="text"/>

If you clicked information on the history window, the selected patients information will be displayed. Admin users will see more information that other users

## Appointments

A screenshot of a web application window titled "Appointments". The window has a blue header bar with a small icon on the left and standard window controls (minimize, maximize, close) on the right. The main content area is white and contains a back button (a circle with a left-pointing arrow) in the top left corner. Below the back button are two large rectangular buttons: "New Appointment" and "Edit / Close Appointment".



New Appointment

Edit / Close Appointment

If you clicked appointments from the home window, you will be navigated to this window. The back button functions the same as other back buttons throughout the application and will always take you back to the previous screen (in this case home).

To generate a new appointment, click the new appointment button or to edit / close and existing appointment, click the button

## New Appointment

The screenshot shows the 'New Appointment' window. The 'Patient' section includes a search bar and a list with 'Daniel' and 'Jarrod'. A 'Patient list' label points to the list, and a 'Refresh' button is at the bottom. The 'Doctor' and 'Procedure' sections are dropdown menus. The 'Appointment Only' checkbox is unchecked. The 'Scheduled Intake Day' and 'Scheduled Dispatch Day' are both set to '15'. The 'Save Appointment' button is prominent. At the bottom are 'New Patient', 'New Procedure', and 'New Doctor' buttons.

If you clicked the new appointment button on the appointment screen, you will be redirected to this window.

In order to save a new patient, you will need to have selected them in the patient list (you can search as well), selected a doctor and procedure (using the comboboxes), chosen an intake day as well as dispatch day (except when appointment only is checked).

You can add patients, procedures and doctors if you wish. To refresh the patient list after adding a new patient, simply click refresh, doctors and procedures will update automatically

## Open Appointments

The screenshot shows a software window titled "Open Appointment". It contains several input fields and buttons:

- Patient:** A text input field and a larger list box below it. A "Load Appointment" button is at the bottom.
- Procedures Administered:** A large list box with a red minus icon at the bottom right. Below it is a dropdown menu, an "Add Procedure" button, and a "New Procedure" button.
- Medicines Administered:** A large list box with a red minus icon at the bottom right. Below it is a dropdown menu, an "Add Medicine" button, and a "New Medicine" button.
- Intake Day:** A date input field showing "15", a "Change" button, and a "Save" button.
- Current Dr:** A dropdown menu with a "Change Doctor" button.
- Close Appointment:** A button at the bottom right.

Similarly to the accounts window, appointments will only appear in the patient list if the patient has not checked out yet.

To load a current appointment and to see all of the details, select an appointment in the patient list and click the load statement button. You can add new types of procedures and medicines to the corresponding comboboxes. To add them to a current list of medicines and procedures, select the item in the combobox and click either add procedure or add medicine. The intake date can be changed similarly by selecting a new date and clicking the change button. The same can be done using the combobox for the doctor

To save all the changes, click save and if the patient is checking out, click the close appointment button and you will be taken back to the appointment screen

## New Patient

New Patient

Name

Surname

Cell No

ID No

Address

Medical Aid No

Medical Aid Co

New Medical Aid Co

Account No

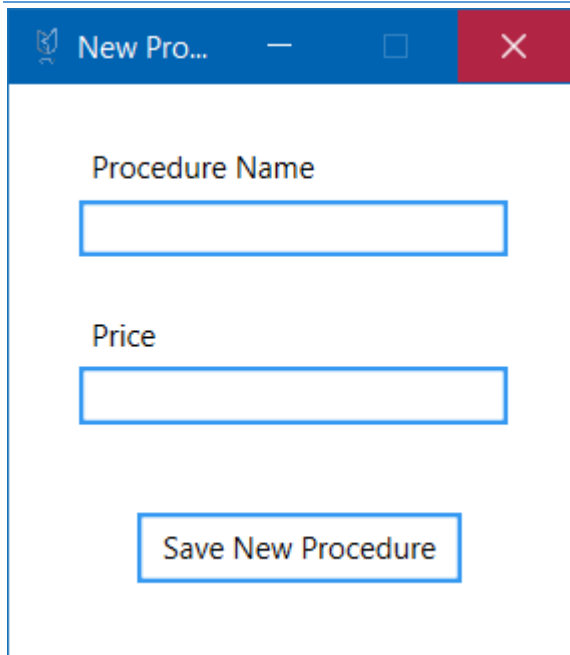
Save New Patient

When adding a new patient from anywhere in the application, please enter the details into the fields with corresponding labels.

Medical aid can be selected using the combobox new medical aids can be added by clicking the button. Once all the fields are completed, click the save new patient button

## New Procedure

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New Pro... — □ ×

Procedure Name

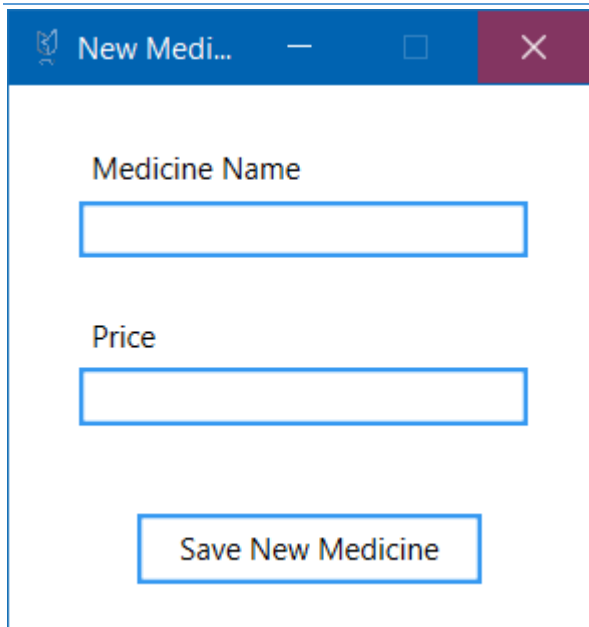
Price

Save New Procedure

To add a new procedure, enter the name and price of the procedure into the correct fields and click the save new procedure button

## New Medicine

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New Medi... — □ ×

Medicine Name

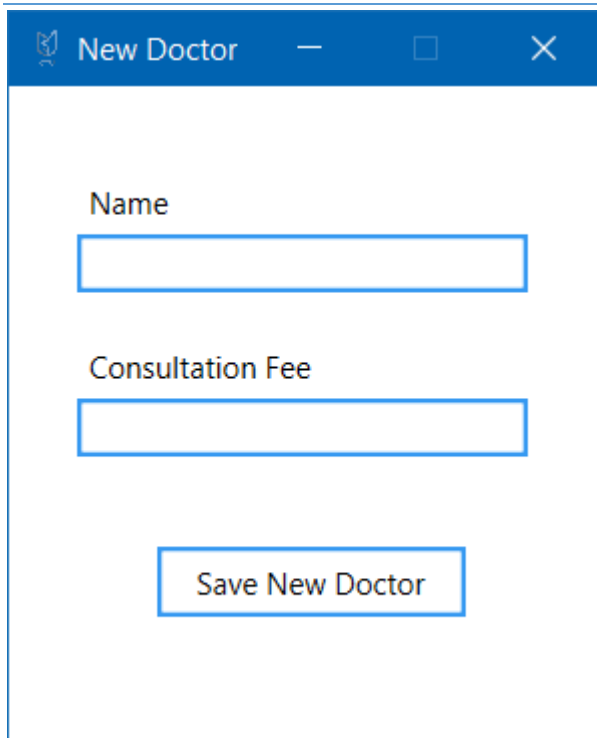
Price

Save New Medicine

To add a new medicine, enter the name and price of the medicine into the correct fields and click the save new medicine button

## New Doctor

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A screenshot of a web application window titled "New Doctor". The window has a blue header bar with a small icon on the left and standard window controls (minimize, maximize, close) on the right. The main content area is white and contains two text input fields. The first field is labeled "Name" and the second is labeled "Consultation Fee". Below these fields is a button labeled "Save New Doctor".

New Doctor

Name

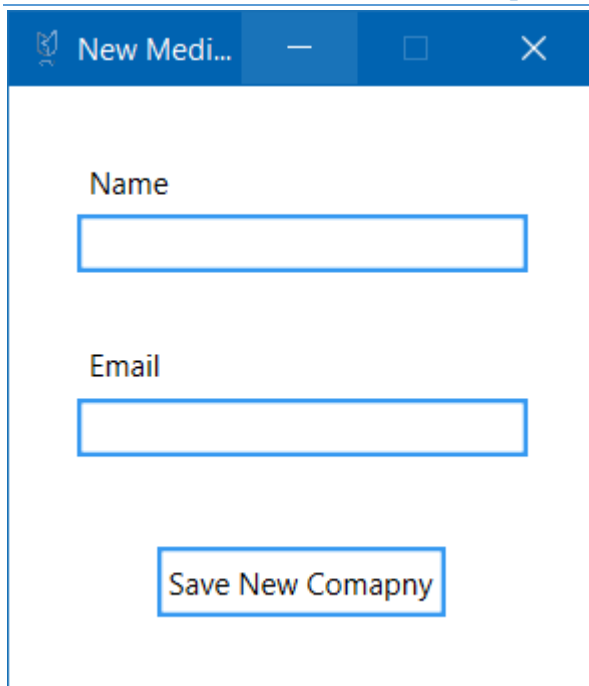
Consultation Fee

Save New Doctor

To add a new doctor, enter the doctor's name and consultation fee into the correct fields and click the save new doctor button

## New Medical Aid Company

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A screenshot of a web application window titled "New Medi...". The window has a blue header bar with a small icon on the left and standard window controls (minimize, maximize, close) on the right. The main content area is white and contains two text input fields. The first field is labeled "Name" and the second is labeled "Email". Below these fields is a button labeled "Save New Comapny".

New Medi...

Name

Email

Save New Comapny

To add a new medical aid company, enter the name and email address into the correct fields and click the save new company button