



TECH CARE

GROUP 5

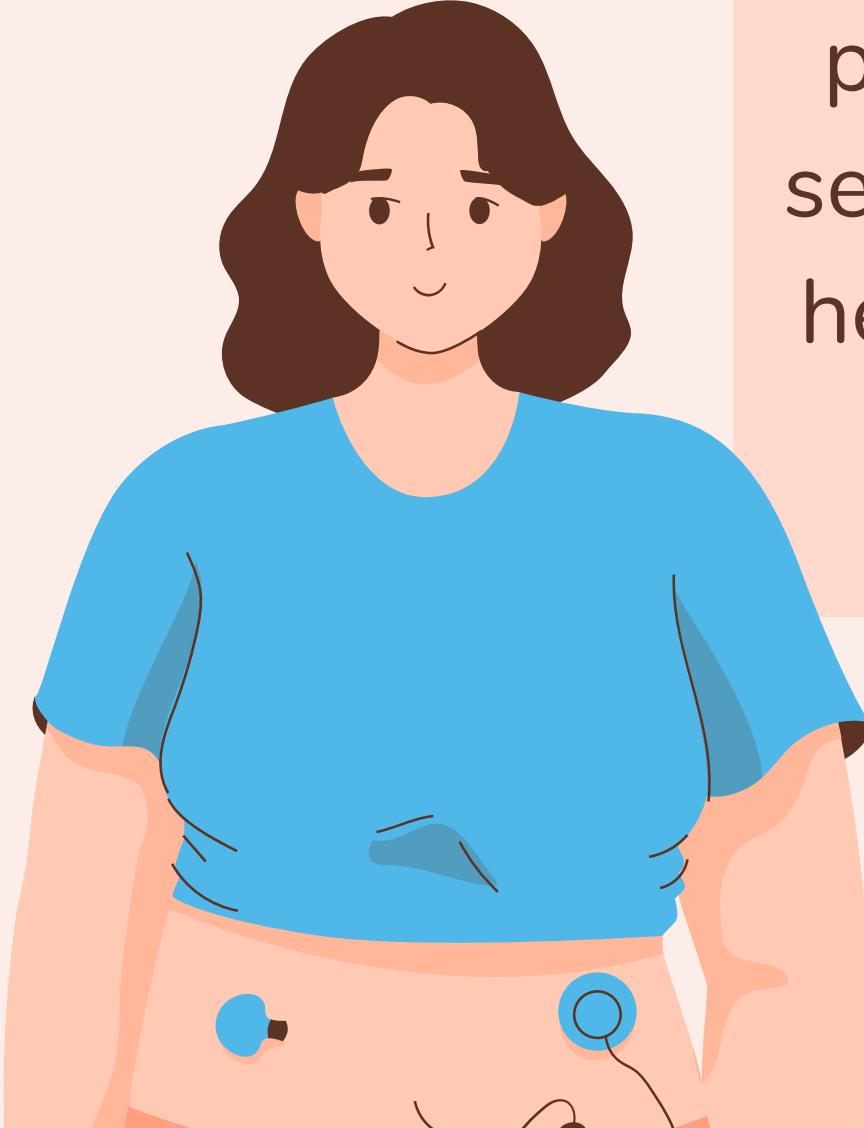
ORGANIZATIONAL OVERVIEW

ORGANIZATION CHART



BACKGROUND STUDIES

BACKGROUND OF STUDIES



Healthcare is an essential component of every country's infrastructure, playing a critical part in the well-being and prosperity of its population. It includes a broad variety of services designed to advance, preserve, and restore public health. Accessible and effective healthcare is essential for several reasons.

BACKGROUND STUDIES

Large Pharmaceutical Manufacturing

Government efforts in implementing health system

Healthcare system challenges in Malaysia

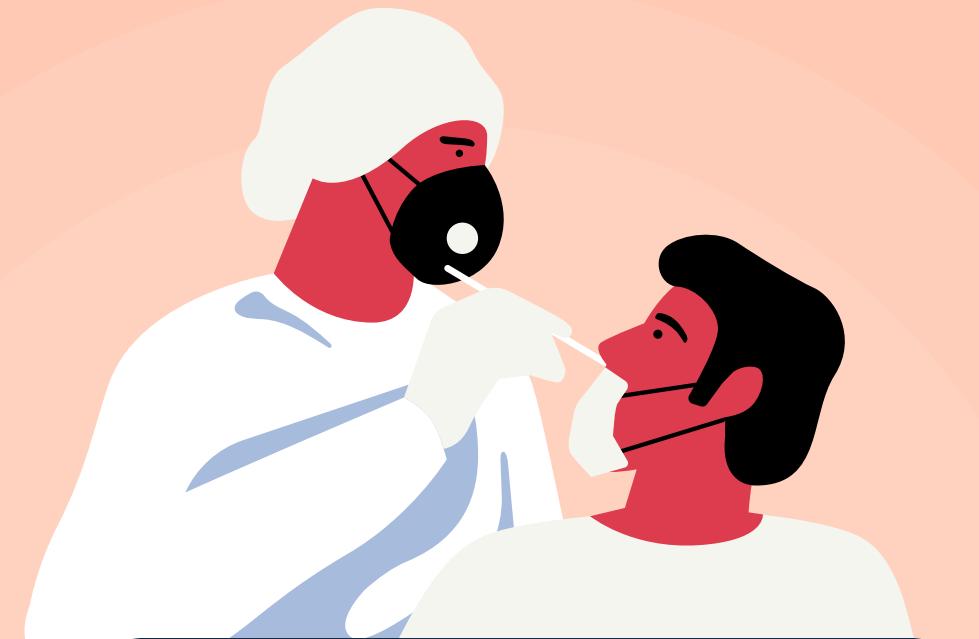
Telemedicine Potentials

PROBLEM STATEMENT

PROBLEM STATEMENT

Long Wait Time
to Obtain
Supplements
from a
Pharmacy

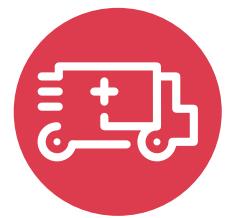
Limited Accessibility
and Convenience to
healthcare-related
matter and risks of
spreading of viruses



Lack of financial support

OBJECTIVES

OBJECTIVES



Make healthcare more accessible.



Equal access to healthcare



Enhance efficiency within the healthcare system.

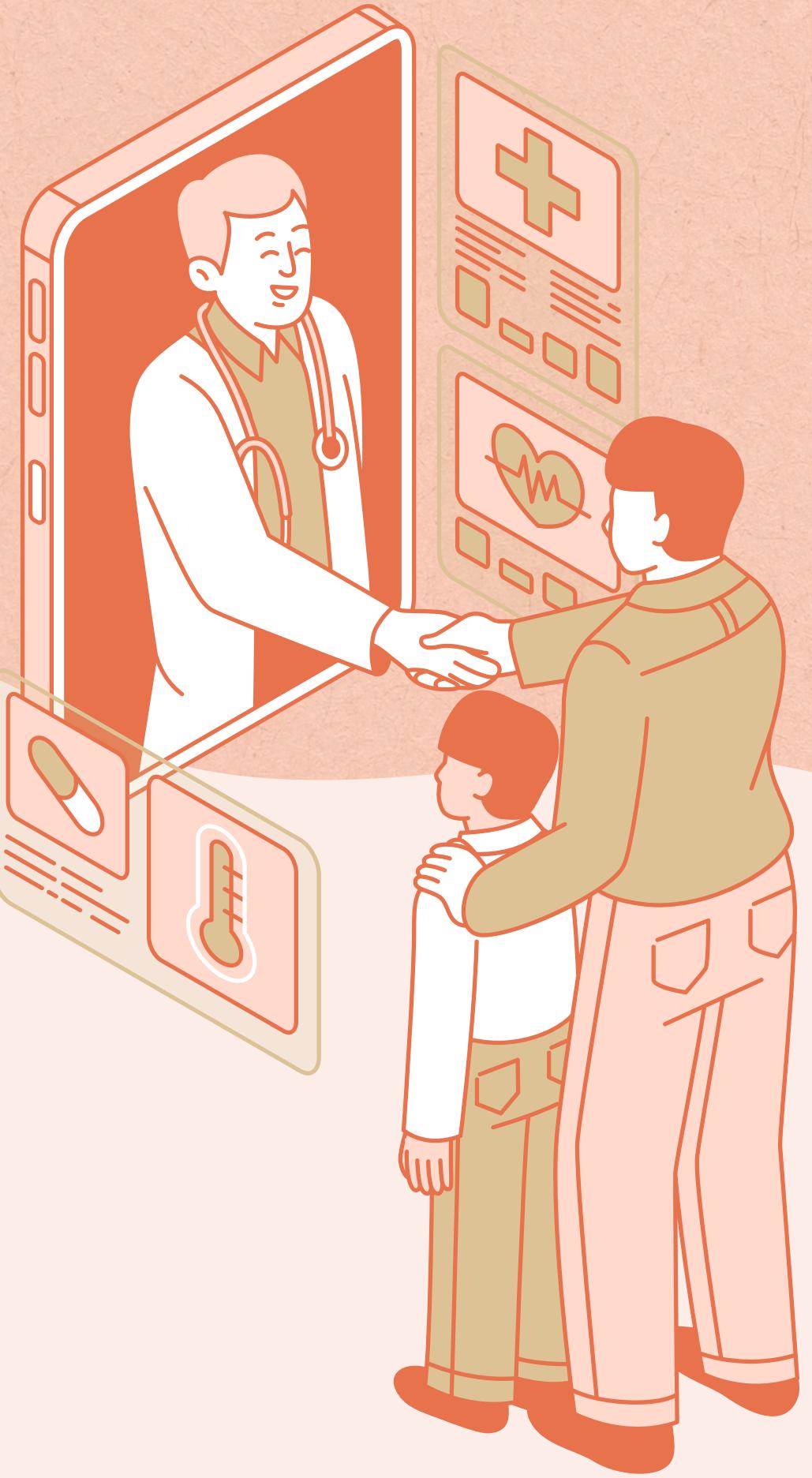


Social Impact



Healthcare system challenges in Malaysia

PROJECT DESCRIPTION



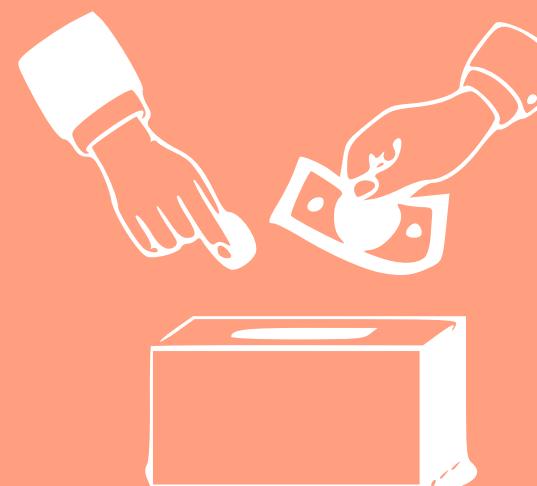
ONLINE
PHARMACY



DIY
MEDICINE
SCHEDULE



BOOKING
APPOINTMENT
SYSTEM



DONATION
SITE



EDUCATION
SITE

CONTRIBUTION TO MANKIND

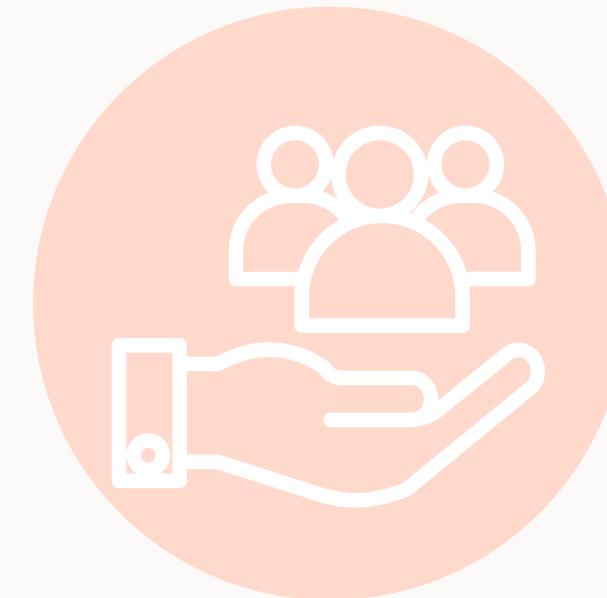
CONTRIBUTION



Reduce
un-employment.



Increase Awareness
and prevent deaths
among community

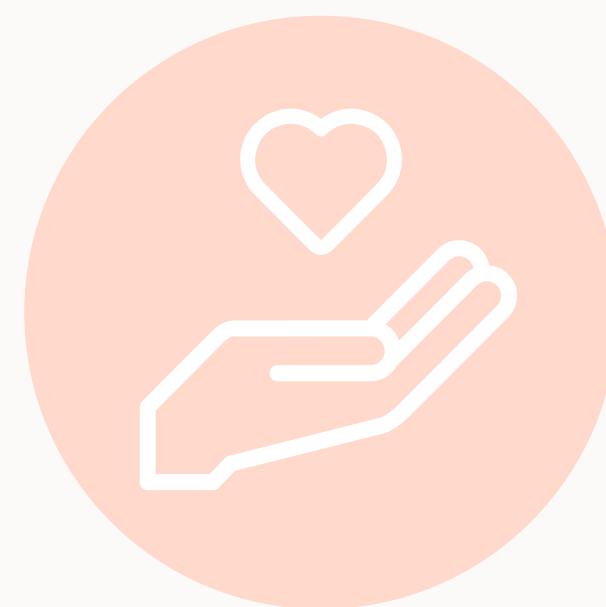


Accessible and
convenient
services

CONTRIBUTION



Improve user
experience.



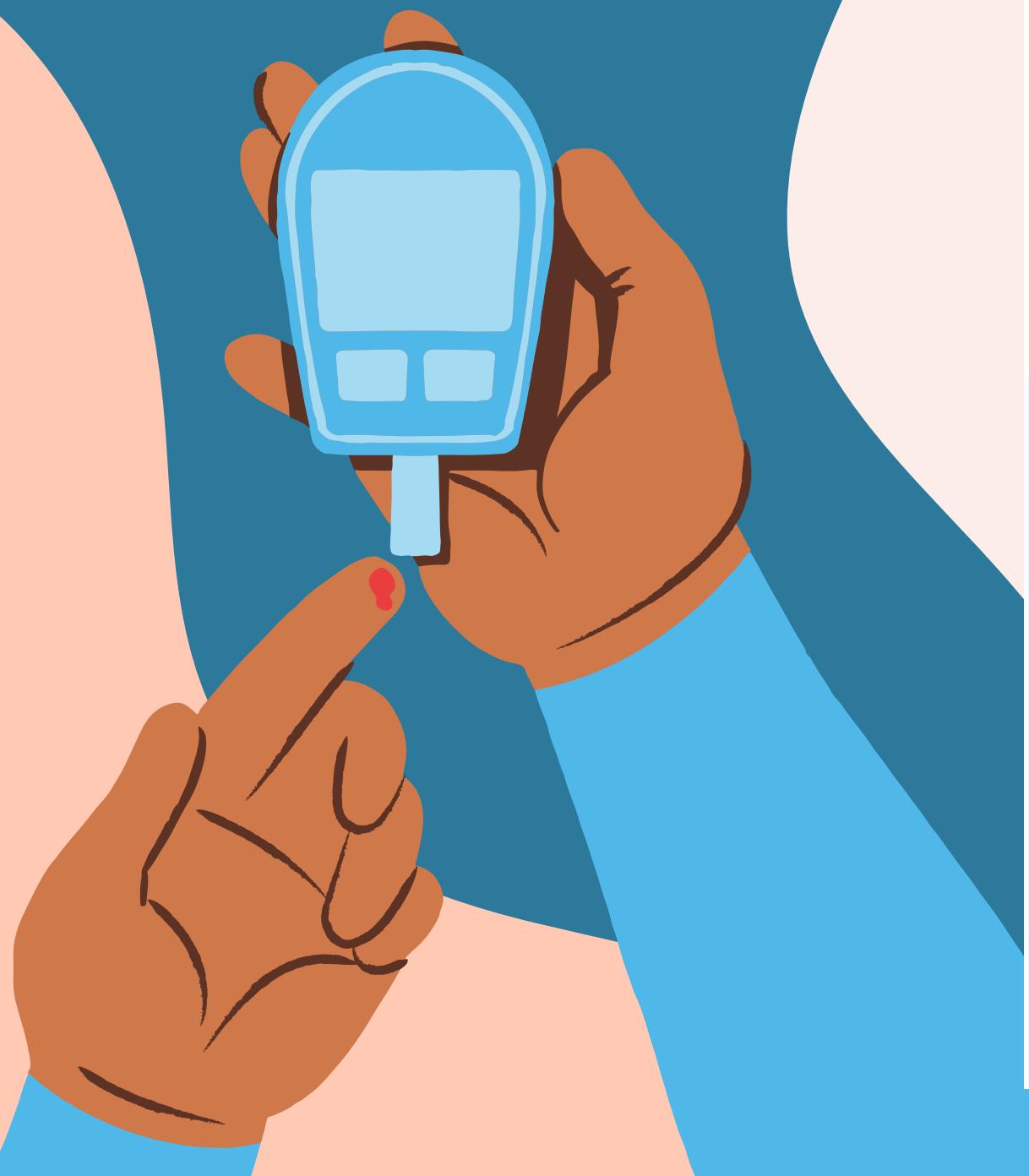
Charitable
contribution



Reduce carbon
footprint.

BUSINESS IDEA

SWOT ANALYSIS



STRENGTHS

- Customer Convenience:
Minimises the need for patients to physically visit pharmacies or healthcare
- Technological expertise:
Uses technology to provide its service making users experience improved by the company's excellent technological capabilities
- An integrated platform:
Combines different capabilities to provide a seamless user experience

WEAKNESS

- Limited physical presence:
May be at disadvantage in circumstances requiring in-person encounters or physical examination because it mostly conducts operations online.

SW
OT

OPPORTUNITIES

- Growing telehealth market:
The widespread trend towards digital healthcare solutions represents a big opportunity. Demand for TechCare's services is projected to rise as more consumers embrace the efficiency and convenience of online services.
- Extend service beyond existing region:
The corporation may reach a wider consumer base and enhance its market share by regionally tailoring its platforms and services.

THREATS

- Data breaches and privacy violations:
TechCare must put data security first and have adequate measures in place to protect customer data.
- Regulatory compliance
There are strict regulations and compliance standards that apply to the healthcare sector. To prevent legal problems or penalties, TechCare must make sure that all its platforms and business operations comply with all applicable laws.

SYSTEM INTERFACE AND DESIGN

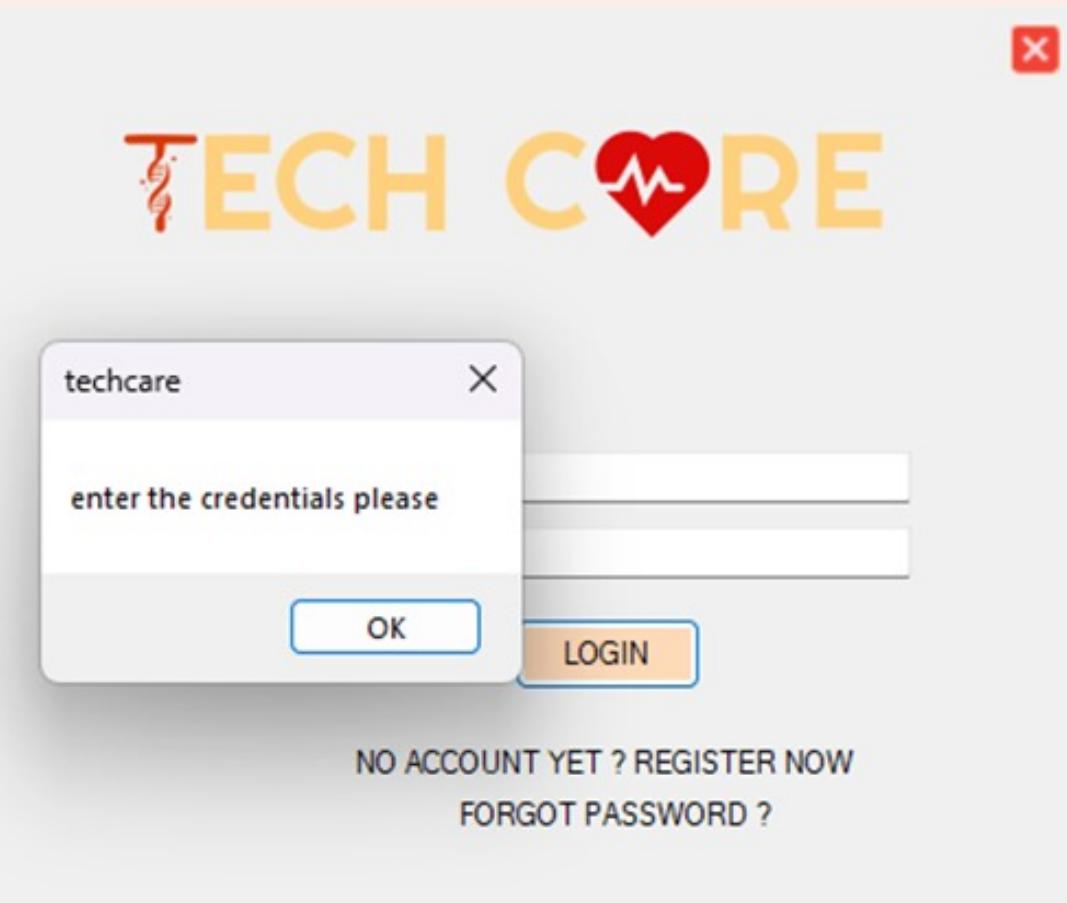
USER INTERFACE

1.0 Choose User



CUSTOMER INTERFACE

1.0 Login Page



2.0 Register Account



< X

TECH CORE

NAME :

EMAIL :

PASSWORD :

NO. IC :

PHONE NO. :

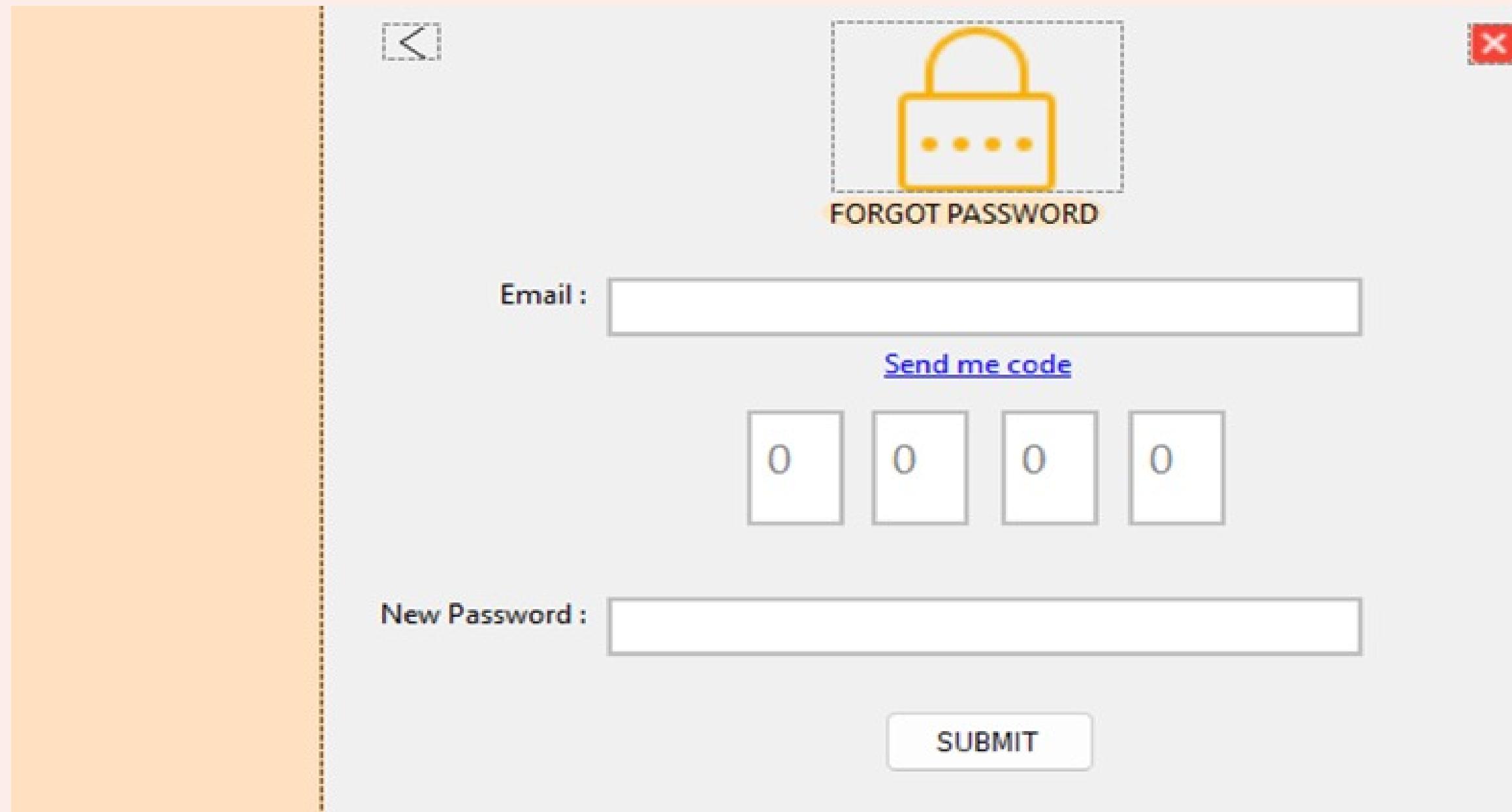
ADDRESS :

GENDER : FEMALE MALE

AGE:

REGISTER

3.0 Forgot Password



A screenshot of a 'Forgot Password' form interface. The background is light gray with orange vertical side bars. At the top center is a yellow padlock icon with four yellow dots below it, labeled 'FORGOT PASSWORD'. In the top left corner is a black back arrow icon, and in the top right corner is a red X icon. Below the padlock is a text input field labeled 'Email :' followed by a blue 'Send me code' button. Underneath are four small input fields, each containing the number '0'. Below these is another text input field labeled 'New Password :'. At the bottom center is a white 'SUBMIT' button.

FORGOT PASSWORD

Email :

[Send me code](#)

0 0 0 0

New Password :

SUBMIT

4.0 Main Page/Online Pharmacy

The image shows a user interface for an online pharmacy. On the left is a sidebar with a yellow header "TECH CORE" and a red heart icon. Below it is a navigation menu with icons and text: PHARMACY (pill icon), APPOINTMENT (person icon), TRACKER (watch icon), PROGRAMME (globe icon), ABOUT US (info icon), FAQ (speech bubble icon), and PROFILE (person icon). The main content area has a search bar with placeholder "Search..." and an orange "SEARCH" button. Below the search bar are four product cards arranged in a 2x2 grid:

Product	Image	Price	Actions
IBUPROFEN		RM 12.00	INFO ADD
THERMOMETER		RM 15.50	INFO ADD
PROBIOTix		RM 89.00	INFO ADD
OIL CAP LIMAU		RM 9.00	INFO ADD

To the right of the products is a shopping cart icon with a red "X". A modal window titled "Nothing in cart" is displayed, containing a close button and two buttons at the bottom: "CLEAR" and "PROCEED".

5.0 Payment

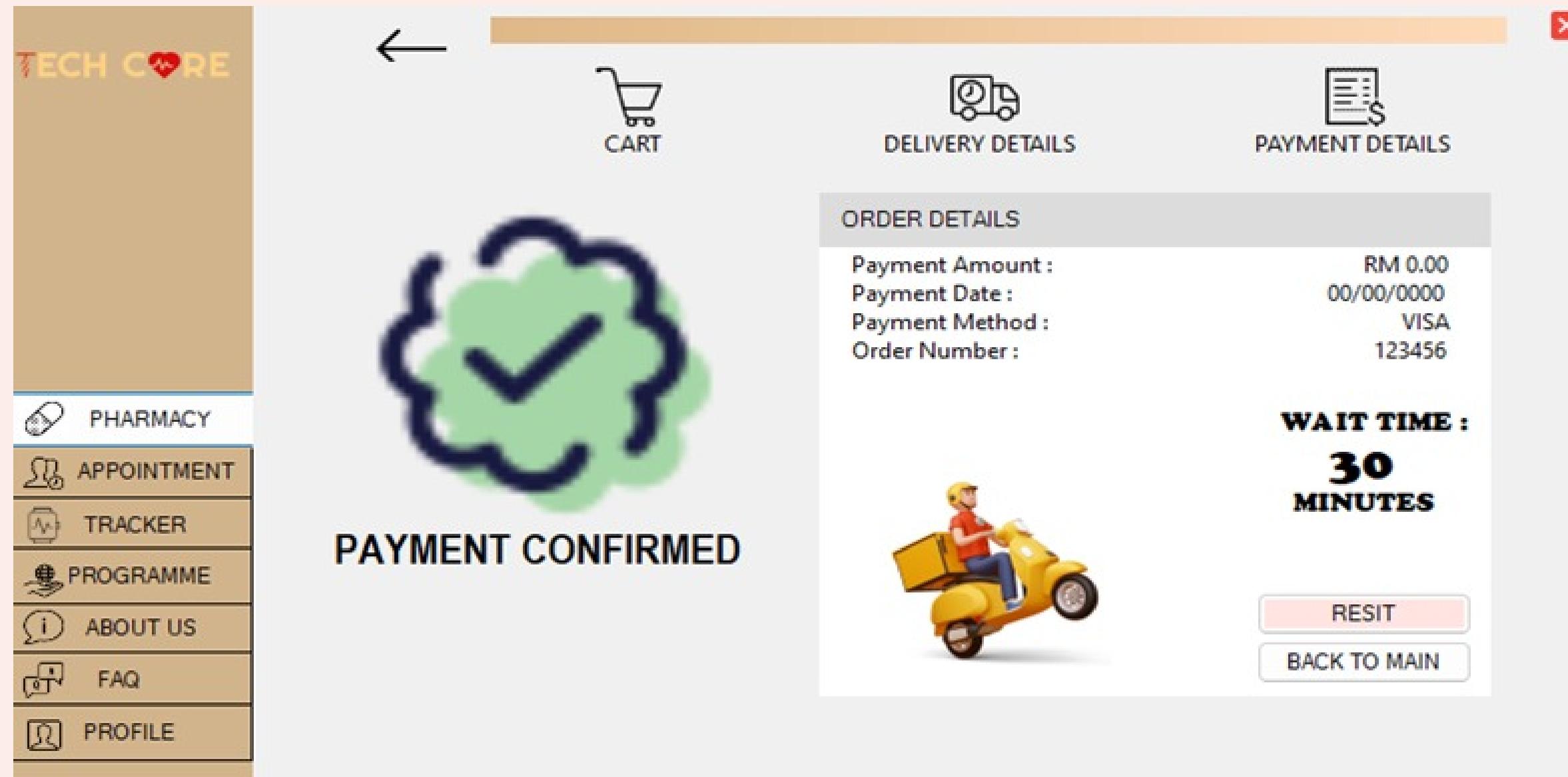
The screenshot shows a mobile application interface for a service named "TECH CORE". The top navigation bar includes icons for back, home, search, and account. Below the navigation is a header with three tabs: "CART" (with a shopping cart icon), "DELIVERY DETAILS" (with a delivery truck icon), and "PAYMENT DETAILS" (with a credit card icon). A red "X" button is located in the top right corner of the header.

The main content area is titled "PAYMENT DETAILS". It features a "PAYMENT METHODS" section with icons for Mastercard, Visa, Alipay, Touch 'n Go, and Apple Pay. Below this are fields for "Cardholder Name" (empty), "Card Number" (empty), "Date" (00/00), "CCV" (000), and a "CONFIRM" button.

To the right is an "ORDER SUMMARY" section showing the following details:

Cart total :	RM0.00
Tax (6%) :	RM0.00
Delivery Fee :	RM0.00
TOTAL :	RM0.00

6.0 Receipt



The image shows a screenshot of a mobile application interface for 'TECH CORE'. The top navigation bar includes icons for 'CART' (with a shopping cart icon), 'DELIVERY DETAILS' (with a delivery truck icon), and 'PAYMENT DETAILS' (with a credit card icon). A large green checkmark icon with the text 'PAYMENT CONFIRMED' is prominently displayed in the center. To the right of the checkmark, there is a section titled 'ORDER DETAILS' containing the following information:

Payment Amount:	RM 0.00
Payment Date:	00/00/0000
Payment Method:	VISA
Order Number:	123456

Below the order details, a delivery icon of a person on a scooter is shown. To the right of the icon, the text 'WAIT TIME : 30 MINUTES' is displayed. At the bottom right are two buttons: 'RESIT' (in pink) and 'BACK TO MAIN'.

- PHARMACY
- APPOINTMENT
- TRACKER
- PROGRAMME
- ABOUT US
- FAQ
- PROFILE

7.0 Appointment

The image shows a mobile application interface for "TECH CARE". On the left is a vertical navigation bar with icons for Pharmacy, Appointment, Tracker, Programme, About Us, FAQ, and Profile. The main screen displays a doctor profile for "DR ABRAHAM LIM". The profile includes a placeholder image, the title "NEUROLOGIST", the location "HOSPITAL QUEEN ELIZABETH , KUALA LUMPUR", and a note stating "Experienced in the field for 15 years." Below the profile are two buttons: "14 June" and a "BOOK" button.

DR ABRAHAM LIM

NEUROLOGIST

HOSPITAL QUEEN ELIZABETH , KUALA LUMPUR

Experienced in the field for 15 years.

14 June

BOOK

TECH CARE

PHARMACY

APPOINTMENT

TRACKER

PROGRAMME

ABOUT US

FAQ

PROFILE

8.0 Tracker Medicine



7.00	
8.00	
9.00	
10.00	
11.00	
12.00	
13.00	
14.00	
15.00	
16.00	
17.00	
18.00	
19.00	
20.00	
21.00	
22.00	
23.00	
00.00	

Daily Medicine

Name :
 Time :

9.0 Programme

The image shows a mobile application interface for "TECH CORE OPEN CHARITY". The main screen has an orange background. At the top, the "TECH CORE" logo is displayed, featuring a red heart icon with a white ECG line. Below the logo, the words "OPEN CHARITY" are written in large, bold, blue and red letters. In the center of the screen is a yellow donation box filled with various food items like a bottle of oil, a bag of flour, and some fruits. A red heart icon with the word "DONATION" is visible on the front of the box. To the left of the main screen is a vertical navigation bar with a brown background. It contains the "TECH CORE" logo at the top, followed by a list of menu items: "PHARMACY", "TRACKER", "PROGRAMME", "ABOUT US", "FAQ", and "PROFILE". Each item has a small icon next to it. At the bottom of the navigation bar are three dots on either side of a central "GO" button. To the right of the main screen, there is a white rectangular area containing a circular icon with a blue border. Inside the circle is a stylized illustration of a virus or cell with a purple center and blue spikes. The word "DISEASE AWARNESS" is written in pink capital letters below the circle. To the right of this white area is another "GO" button. In the top right corner of the white area, there is a small red square with a white "X" inside it.

TECH CORE

OPEN CHARITY

DONATION

PHARMACY

TRACKER

PROGRAMME

ABOUT US

FAQ

PROFILE

GO

DISEASE AWARNESS

GO

X

10.0 Donation

TECH CORE

TECH CORE
OPEN
CHARITY

PHARMACY

TRACKER

PROGRAMME

ABOUT US

FAQ

PROFILE

DONATION

BACK



DONATION METHODS

Mastercard VISA Google Pay Apple Pay

Cardholder Name

Card Number Date CCV

00/00 000

Amount of Donation

CONFIRM



11.0 Disease Awareness

TECH CARE

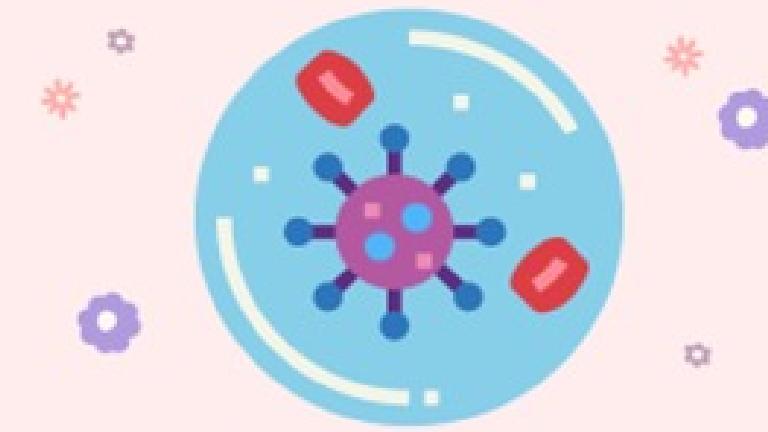
-  PHARMACY
-  APPOINTMENT
-  TRACKER
-  PROGRAMME
-  ABOUT US
-  FAQ
-  PROFILE

Disease :

About :

Symptoms :

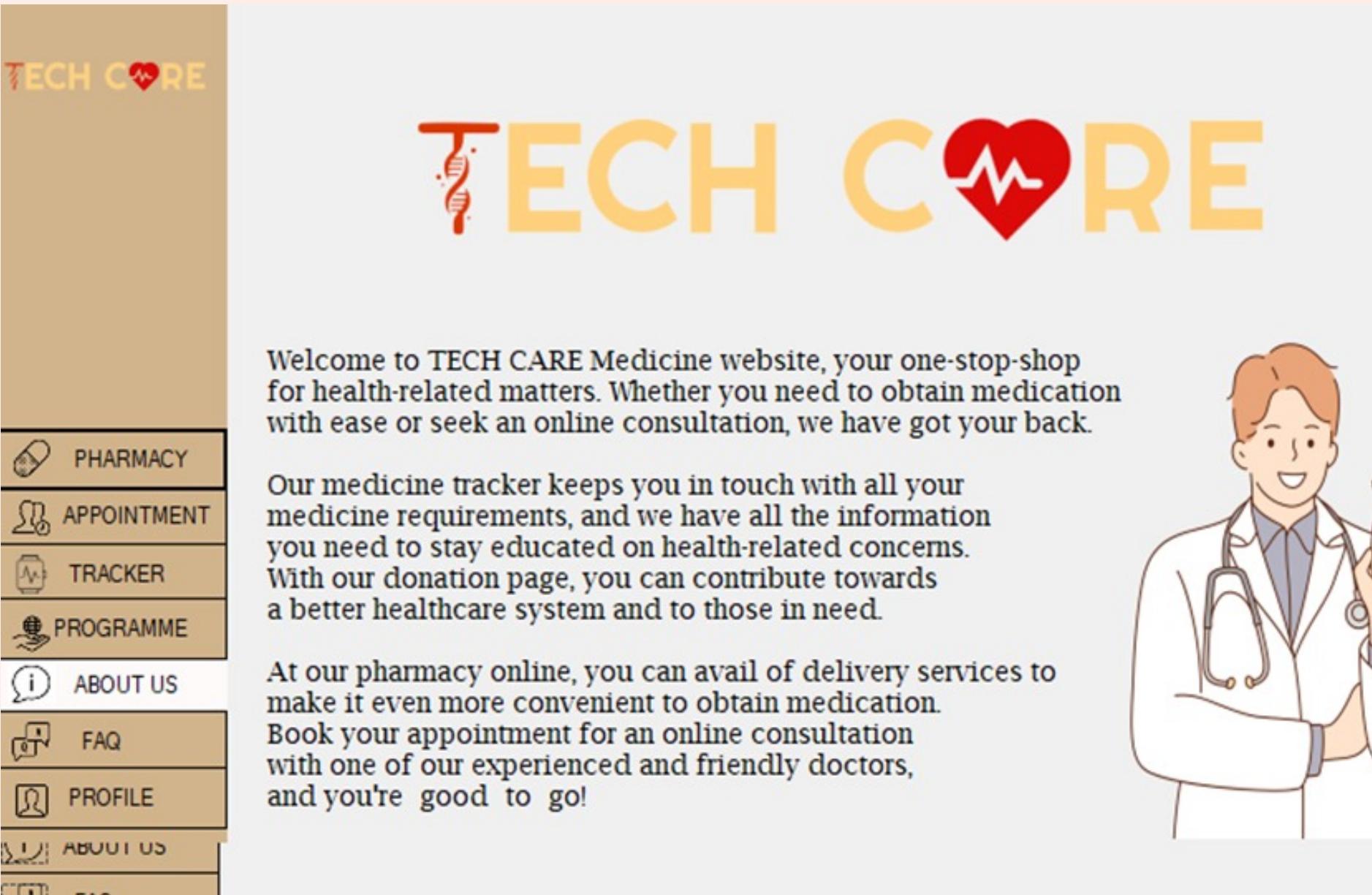
Suggested Care :



DISEASE AWARENESS

BACK

12.0 About Us



The image shows a screenshot of the Tech Care Medicine website. At the top left is the 'TECH CARE' logo with a red heart icon. On the right is a large, stylized 'TECH CARE' logo where the 'T' and 'C' have red heartbeats through them. Below the logos is a welcome message: 'Welcome to TECH CARE Medicine website, your one-stop-shop for health-related matters. Whether you need to obtain medication with ease or seek an online consultation, we have got your back.' To the right of the text is a cartoon illustration of a doctor with orange hair, wearing a white lab coat and a stethoscope, pointing upwards with his right hand. On the left side of the page is a vertical navigation menu with the following items:

- PHARMACY
- APPOINTMENT
- TRACKER
- PROGRAMME
- ABOUT US
- FAQ
- PROFILE
- ABOUT US
- FAQ

13.0 FAQ



Frequently Asked Questions (FAQ)

X

? Is your online pharmacy legitimate?

Yes, our online pharmacy is legitimate.

We are a licensed and reputable pharmacy operating in accordance with all applicable laws and regulations. We prioritize the health and safety of our customers and ensure that all medications dispensed are sourced from approved manufacturers.

Feedback :

SUBMIT

14.0 Profile

The image shows a mobile application interface for "TECH CORE". The top navigation bar is light blue with the text "TECH CORE" and a red heart icon. Below the navigation bar is a yellow header bar with the text "MY PROFILE" and a red "X" icon in the top right corner.

The main content area features a large black icon of a person inside a document shape with a plus sign below it. To the right of the icon are four input fields: "Name:", "Gender:", "Birthday:", and "Address:". Below these fields are two tabs: "PURCHASES" and "APPOINTMENTS".

At the bottom of the screen is a feedback section with a text input field labeled "Feedback:", a "SUBMIT" button, and an "EDIT" button.

On the left side of the screen is a vertical navigation menu with the following items:

- PHARMACY
- TRACKER
- PROGRAMME
- ABOUT US
- FAQ
- PROFILE

PHARMACIST INTERFACE

1.0 Login Page



X

TECH CORE

Email :

Password :

LOGIN

NO ACCOUNT YET ? [REGISTER NOW](#)

[FORGOT PASSWORD ?](#)



TECH CARE

techcare X

enter the credentials please

OK LOGIN

[NO ACCOUNT YET ? REGISTER NOW](#)

[FORGOT PASSWORD ?](#)

2.0 Register Account



TECH CARE

X

NAME :

GENDER : MALE FEMALE

EMAIL :

AGE : 0

PASSWORD :

CERTIFICATE :

NO. IC :

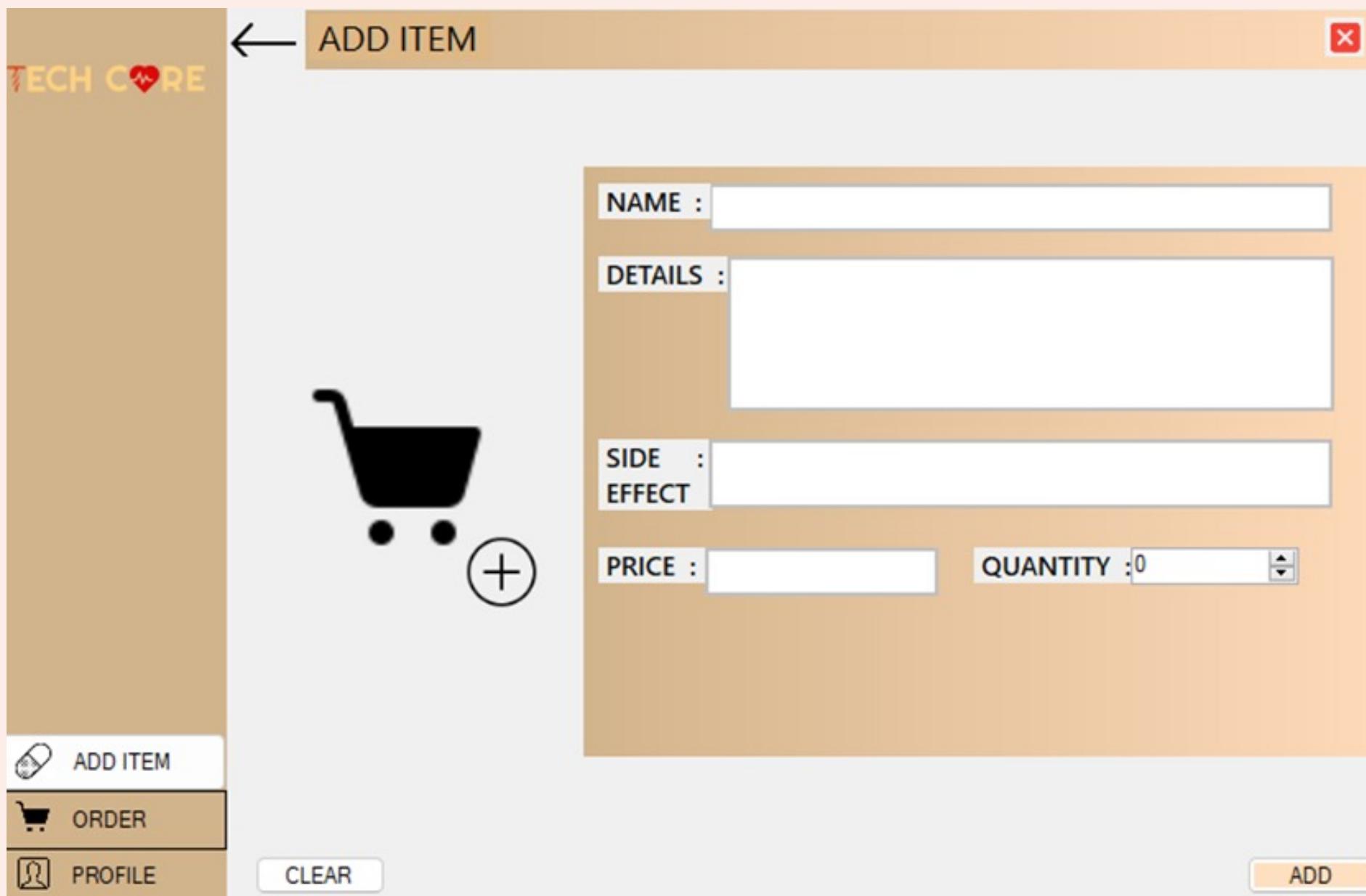
LICENSE :

PHONE NO. :

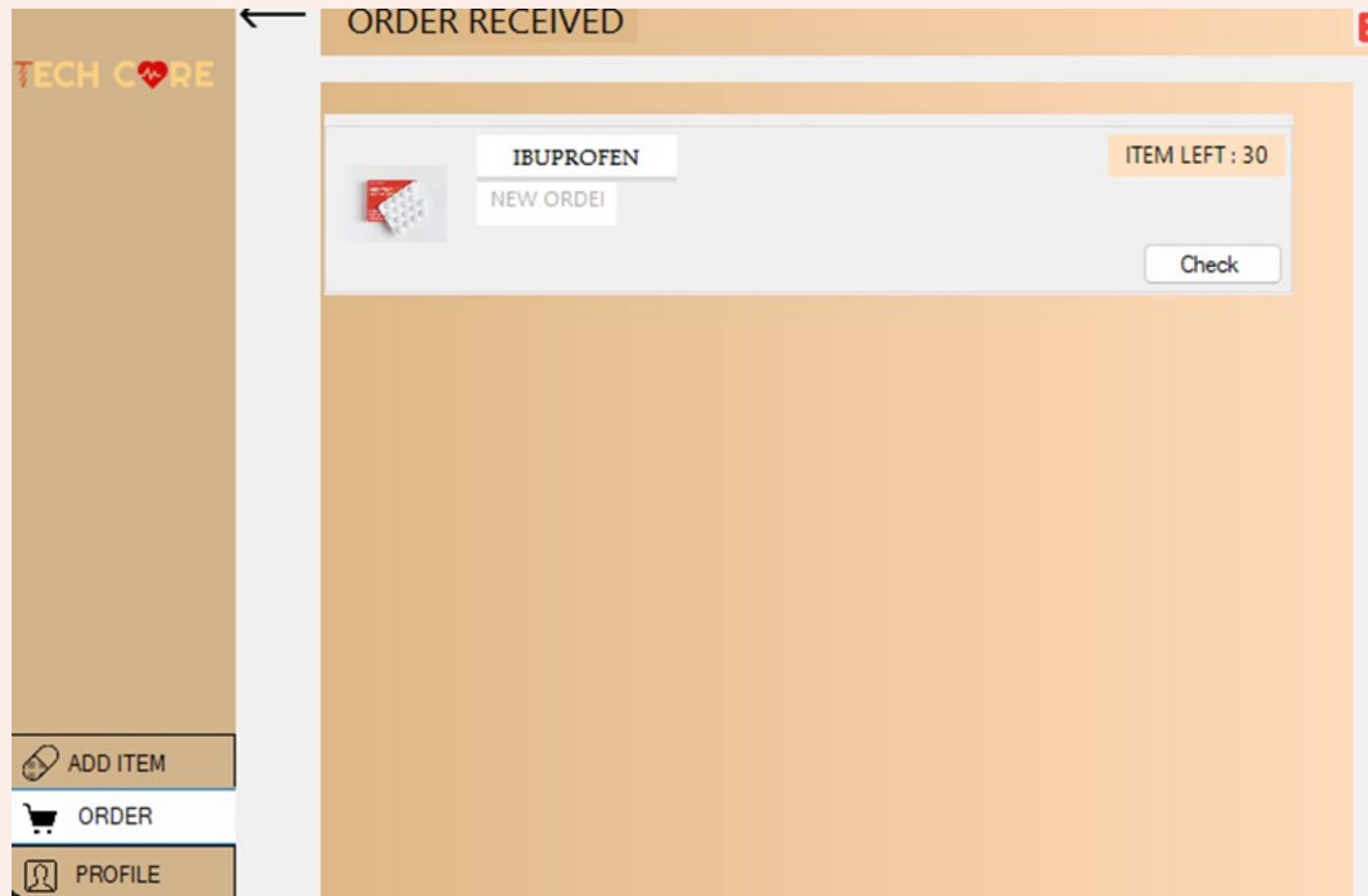
PHARMACY :

REGISTER

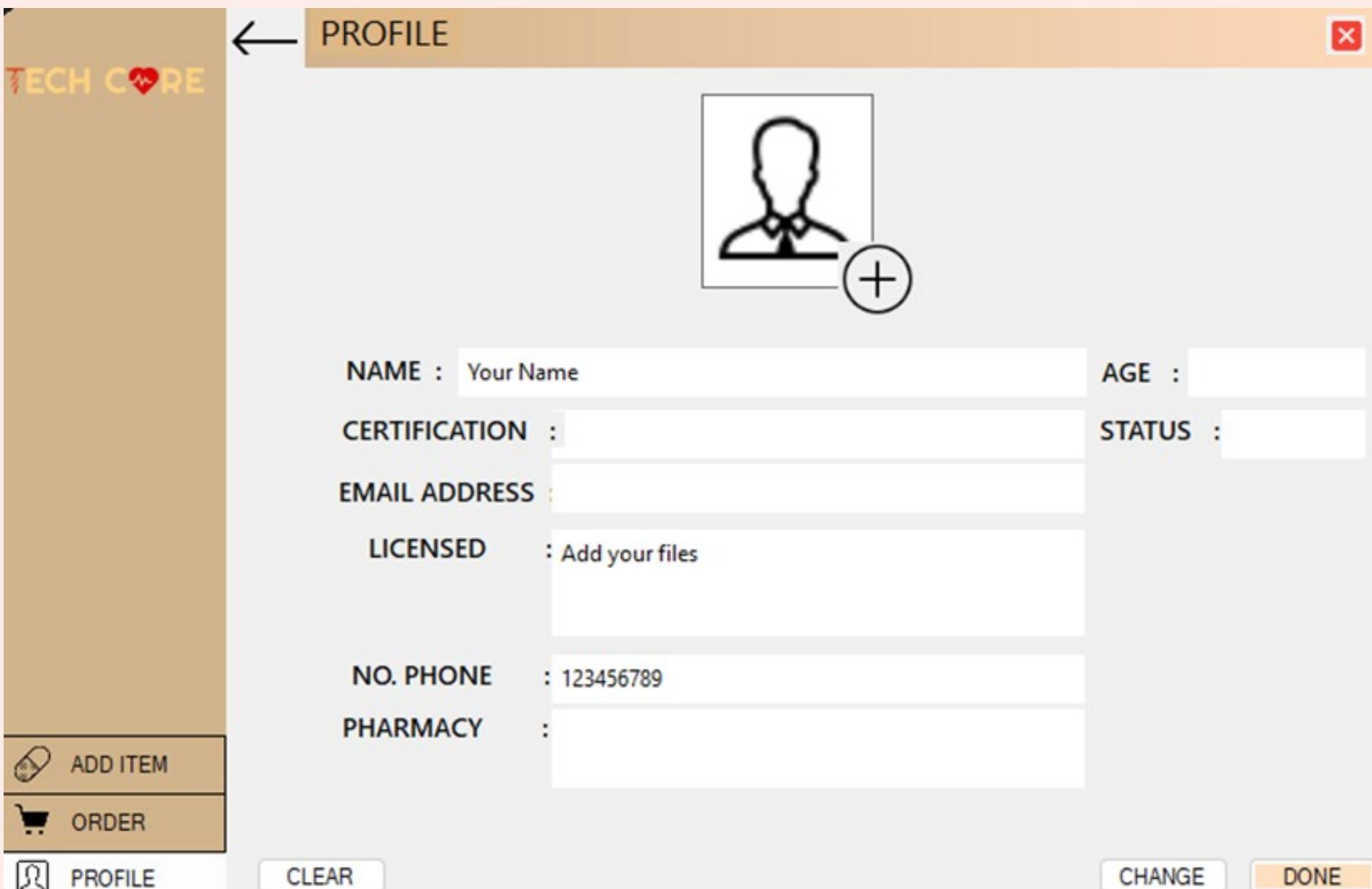
3.0 Add Item



4.0 Order Receive



5.0 Profile



The image shows a mobile application interface titled "PROFILE". At the top left is a back arrow, and at the top right is a red "X" button. On the far left, there is a vertical sidebar with the "TECH CORE" logo at the top, followed by three buttons: "ADD ITEM" (with a plus icon), "ORDER" (with a shopping cart icon), and "PROFILE" (with a user icon). The main content area has a light gray background. It features a placeholder for a profile picture with a plus sign icon. Below this are several input fields: "NAME : Your Name", "AGE : [empty field]", "CERTIFICATION : [empty field]", "STATUS : [empty field]", "EMAIL ADDRESS : [empty field]", "LICENSED : Add your files" (with a file input field), "NO. PHONE : 123456789", and "PHARMACY : [empty field]". At the bottom, there are "CLEAR", "CHANGE", and "DONE" buttons.

← PROFILE X

TECH CORE

NAME : Your Name AGE :

CERTIFICATION : STATUS :

EMAIL ADDRESS :

LICENSED : Add your files

NO. PHONE : 123456789

PHARMACY :

ADD ITEM ORDER PROFILE

CLEAR CHANGE DONE

DOCTOR INTERFACE

1.0 Login Page



X

TECH CORE

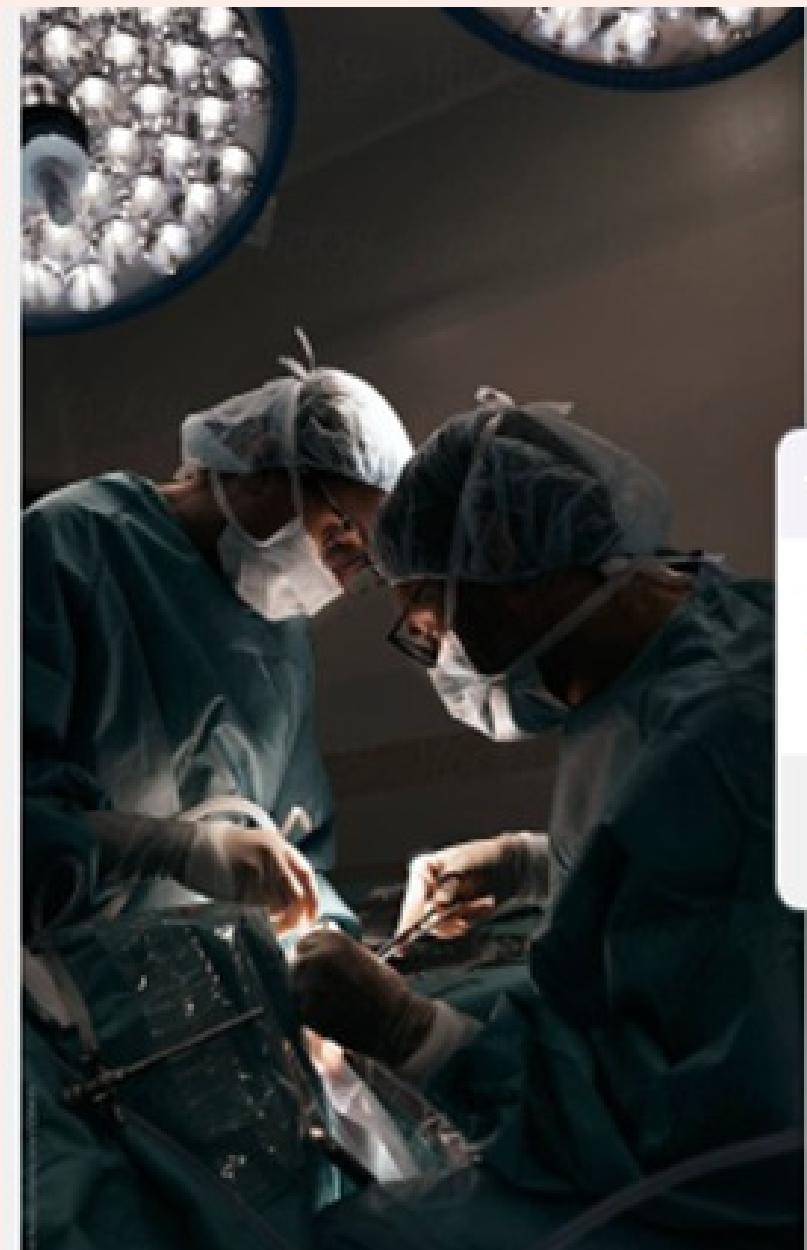
Email :

Password :

LOGIN

NO ACCOUNT YET ? [REGISTER NOW](#)

[FORGOT PASSWORD ?](#)



TECH CARE

X

techcare

X

enter the credentials please

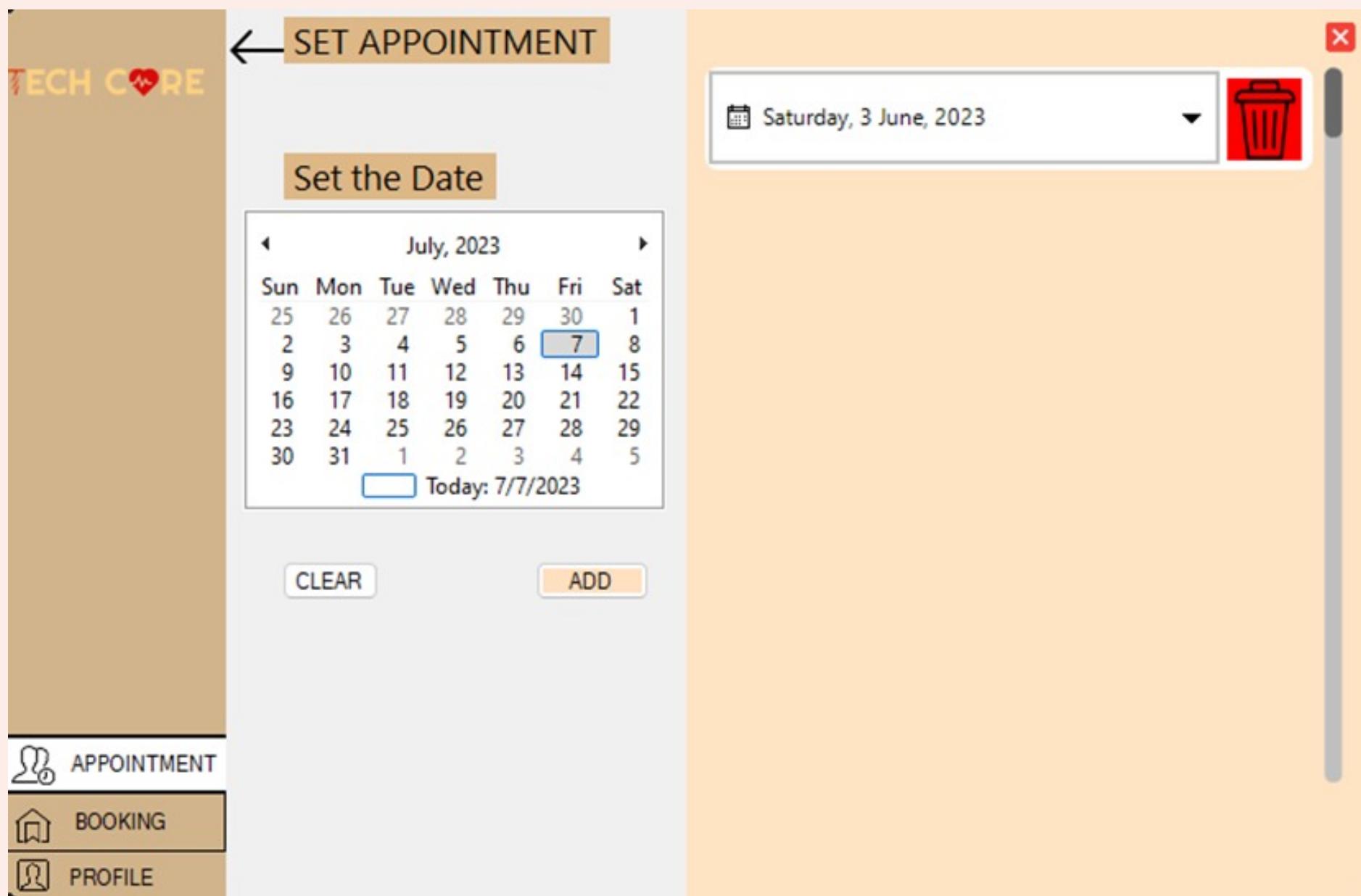
OK

LOGIN

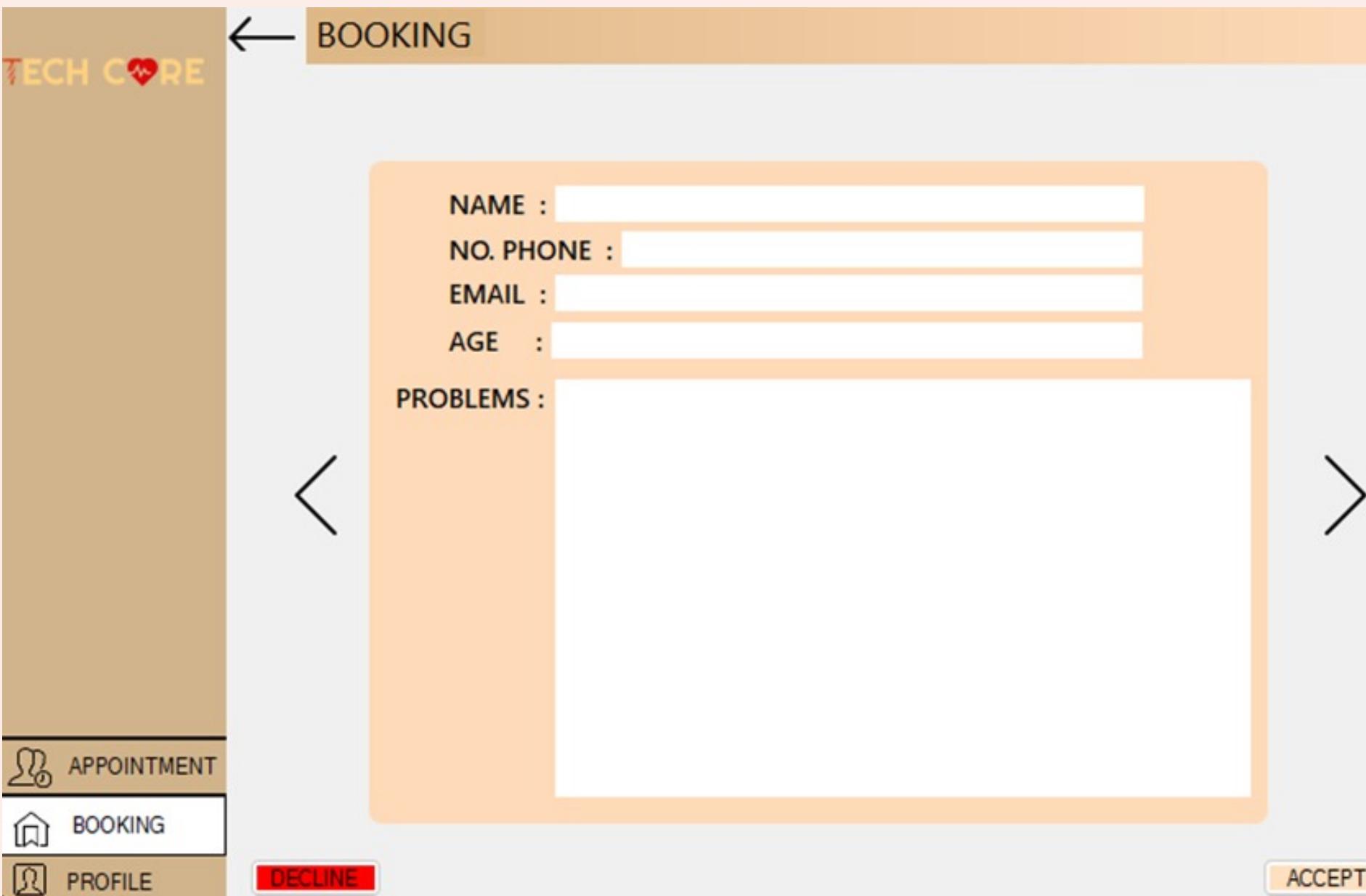
NO ACCOUNT YET ? REGISTER NOW

FORGOT PASSWORD ?

2.0 Doctor Appointment



3.0 Booking



The image shows a mobile application interface for booking an appointment. At the top, a navigation bar has 'BOOKING' on the right and a back arrow on the left. The main area is titled 'TECH CARE' with a red heart icon. On the left, there's a vertical sidebar with icons for 'APPOINTMENT' (person), 'BOOKING' (house), and 'PROFILE' (person). The central form is titled 'BOOKING' and contains fields for 'NAME', 'NO. PHONE', 'EMAIL', and 'AGE'. Below these is a large text input field labeled 'PROBLEMS:'. At the bottom, there are 'DECLINE' and 'ACCEPT' buttons, flanked by left and right arrows.

← BOOKING

TECH CARE

NAME :

NO. PHONE :

EMAIL :

AGE :

PROBLEMS :

< >

APPOINTMENT

BOOKING

PROFILE

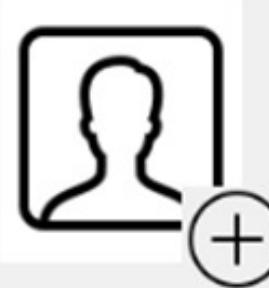
DECLINE

ACCEPT

4.0 Profile

← PROFILE X

TECH CORE


+


+

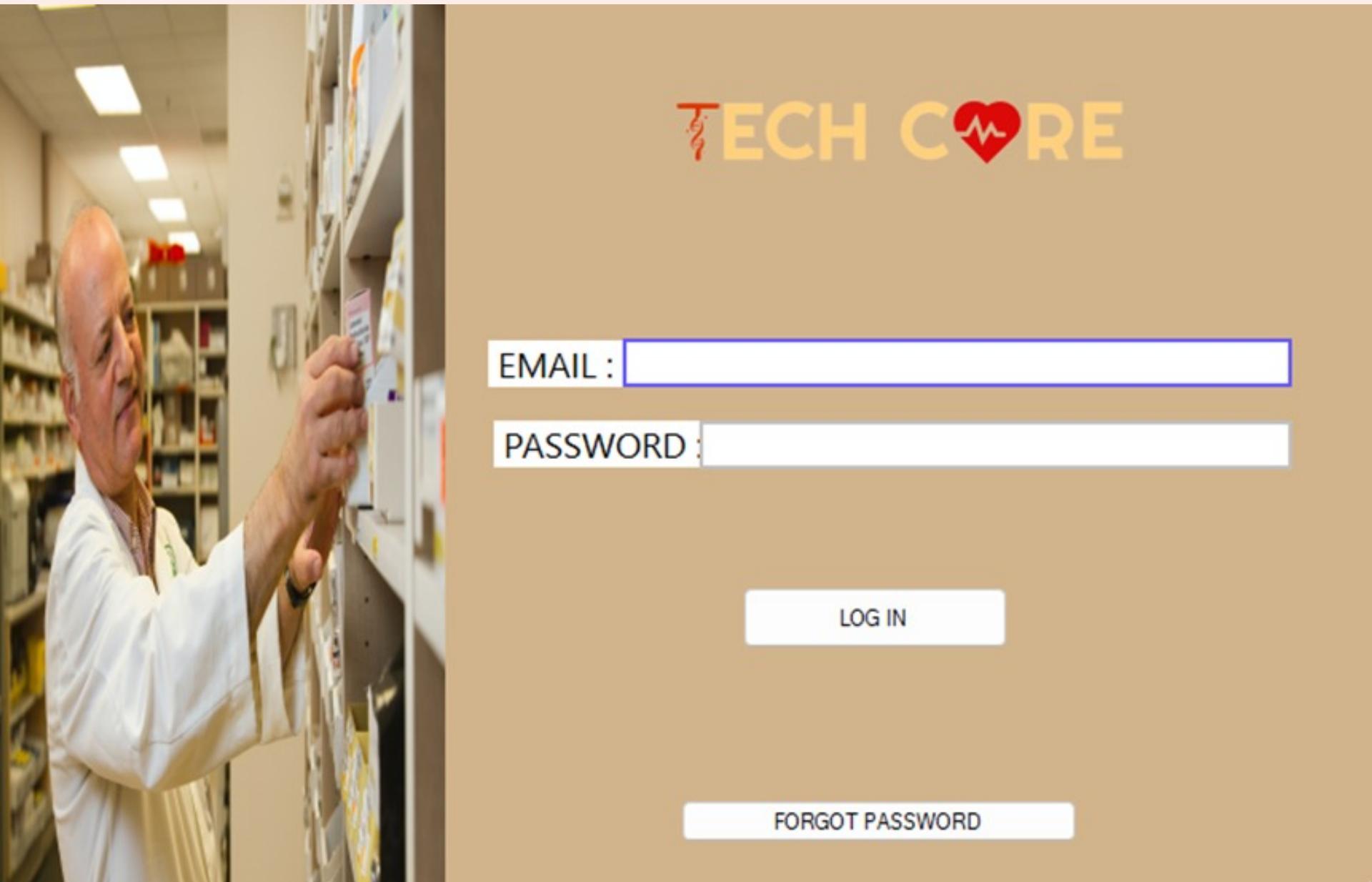
NAME : Your Name	AGE :
CERTIFICATION :	STATUS :
EMAIL ADDRESS :	
LICENSED :	Add your files
YOUR CLINIC/ HOSPITAL :	KLINIK REDZA
NO. PHONE :	123456789

APPOINTMENT
BOOKING
PROFILE

CLEAR CHANGE DONE

ADMIN INTERFACE

1.0 Login Page



The image is a composite of two parts. On the left, a pharmacist in a white coat is shown from the waist up, reaching up to a high shelf in a well-lit pharmacy aisle. He is holding a small pink prescription bottle. On the right, a digital login interface is displayed against a light beige background. At the top center is the logo "TECH CARE" in yellow, with a red heart icon containing a white ECG line. Below the logo are two input fields: "EMAIL:" followed by a blue-bordered text input field, and "PASSWORD:" followed by a white-bordered text input field. In the center between the inputs is a white rectangular button with the text "LOG IN". At the bottom center is another white rectangular button with the text "FORGOT PASSWORD".

TECH CARE

EMAIL :

PASSWORD :

LOG IN

FORGOT PASSWORD



2.0 KPI

← KPI X

TECH CARE

Total Charity Funds RM 2 563 Total Profit RM 9 852 Total Order 356

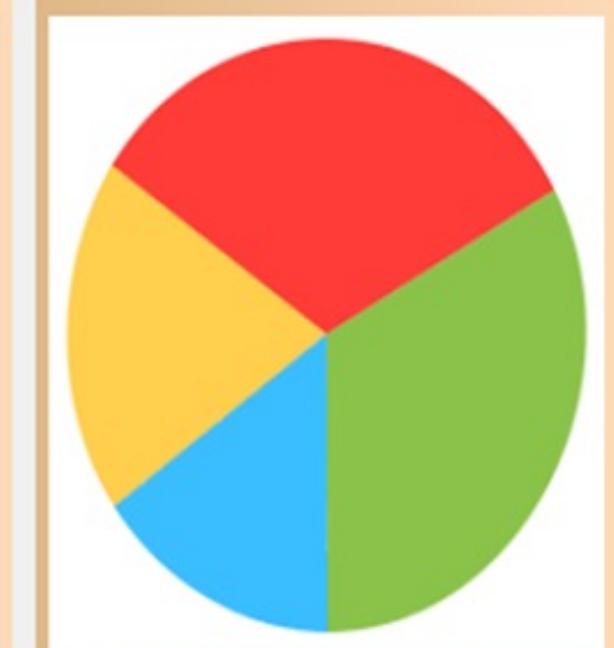
Cash Balance Insights Dashboard

\$31.239 Cash Balance 1
\$429.128 Cash Balance 2
\$2.672.010 Cash Balance 3

Cash flow balance

Cash balance insight February 2020

Cash revenue



KPI PARTNER INFO PROFILE

3.0 Partner

← PARTNER X

TECH CORE

DOCTOR



Dr. John Smith
Neurologist

DECLINE ACCEPT

KPI

PARTNER

INFO

PROFILE

4.0 Info

The screenshot shows a website interface for 'TECH CARE'. At the top, there's a navigation bar with a left arrow icon and the word 'INFO' in white. To the right of the arrow is a red 'X' button. Below the navigation bar, the 'TECH CARE' logo is displayed, featuring the word 'TECH' in yellow and 'CARE' in red with a heart icon.

On the left side of the page, there's a vertical sidebar with a brown background. It features the 'TECH CARE' logo at the top. Below it are four menu items: 'KPI' (with a crown icon), 'PARTNER' (with a handshake icon), 'INFO' (with an info icon), and 'PROFILE' (with a user icon). The 'INFO' menu item is highlighted with a thin black border.

The main content area has a light blue background. It starts with a welcome message: "Welcome to TECH CARE Medicine website, your one-stop-shop for health-related matters. Whether you need to obtain medication with ease or seek an online consultation, we have got your back". This is followed by a paragraph about the medicine tracker: "Our medicine tracker keeps you in touch with all your medicine requirements, and we have all the information you need to stay educated on health-related concerns". The final part of the message discusses donation and online services: "With our donation page, you can contribute towards a better healthcare system and to those in need. At our pharmacy online, you can avail of delivery services to make it even more convenient to obtain medication Book your appointment for an online consultation with one of our experienced and friendly doctors, and you're good to go...".

5.0 Profile

The screenshot shows a profile editing interface. At the top, a navigation bar has a back arrow and the word "PROFILE". On the right is a red "X" button. Below the bar is a placeholder for a profile picture, featuring a black silhouette of a person's head and shoulders inside a circle with a small plus sign to its right. The main area contains several input fields:

- NAME :** Your Name
- AGE :** [empty input field]
- STATUS :** [empty input field]
- EMAIL ADDRESS :** [empty input field]
- HOME ADDRESS :** [empty input field]
- NO. PHONE :** 123456789
- COUNTRY :** [empty input field]

At the bottom left are four buttons in a vertical stack: "KPI" (crown icon), "PARTNER" (handshake icon), "INFO" (info icon), and "PROFILE" (person icon). The "PROFILE" button is highlighted with a blue border. At the very bottom are three action buttons: "CLEAR" (light blue), "CHANGE" (light orange), and "DONE" (orange).

RESOURCES

1. Uy, J., Van, V. T. S., Ulep, V. G., Bayani, D. B., & Walker, D. (2022). The Impact of COVID-19 on Hospital Admissions for Twelve High-Burden Diseases and Five Common Procedures in the Philippines: A National Health Insurance Database Study 2019-2020. *The Lancet Regional Health-Western Pacific*, 18, 100310.
2. Liang, J., & Aranda, M. P. (2023). The Use of Telehealth Among People Living With Dementia-Caregiver Dyads During the COVID-19 Pandemic: Scoping Review. *Journal of Medical Internet Research*, 25, e45045.
3. Telehealth Market Size, Share, Growth & Trends Report, 2030. (n.d.). Telehealth Market Size, Share, Growth & Trends Report, 2030.

<https://www.grandviewresearch.com/industry-analysis/telehealth-market-report>
(Downloaded May 2023)

The background features abstract, flowing shapes in shades of orange and pink. A large, light orange shape is positioned in the upper left corner, while a larger, more complex shape in shades of pink and orange occupies the lower right quadrant.

THE END