

MEDICINE HAWKER

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APPROVAL

This Project titled “Medicine Hawker”, submitted by Minhajul Hasan Simanto, Rafib Mahmud Taukder Rafi and Abu Tanzin Khan Sani to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 14th Jan, 2021.

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DECLARATION

We hereby declare that this project has been done by us under the supervision of **Tajim Md. Niamat Ullah Akhund, Lecturer, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

In this project we tried to make the medicine buying system easy and digital along with home delivery system. Also, we added a special feature “Heart Rate Measurement” which works by using built-in optical light sensor of smartphone. We studied more than fifteen (15) papers regarding online medicine buying and heart rate measure using smartphone. After this we developed an android based application named “Medicine Hawker” and we included the heart rate measurement system in that application. Also, we developed an application for the medicine delivery boy. From our huge database, users can select their required medicines and also can upload their prescription for order medicines. After order the medicine, customer will get the medicines home delivery. For measure theirs heart rate, the user needs to select the option then put the index finger across to the camera and flash light. After some moment the heart rate will be displayed on the screen. We hope this application will be beneficial for everyone especially for the senior citizens.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

In our daily life, there are so many necessary things we need. Medicine is one of them. At present time 100% medically fit person is rare to find. In a family at least one person can be found who is not fully medically fit. For that reason, every day they need many kinds of medicines. At least one person takes the medicine for Gastric almost in every family. To buy medicines they have to go medicine shop. But sometimes it is not too easy to go into the shop especially for the people of aged more than 60, it is very difficult for them to go in a Medicine shop and buy their required medicines.

By means of our App people can easily order their required medicines and get the medicines at home. We have our own medicine database where we added all the medicine name with details so that a customer can select his/her medicines easily.

1.2 Motivation

In our country, most of us are taking medicines regularly for various diseases. The people of 60+ age is the most sufferer from those disease and most of them are taking medicines 2/3 times a day. For that reason, they need the medicines frequently.

When we were discussing about this project, there were no online order and delivery systems for medicines. So, we started our work about this. By means of our app the customers can order the medicines easily and get it home delivery. Also, the medicines prices will be given there so customers can select his/her medicines by his/her money range. Medicine buying and selling system will be digitalized by means of our app. The customer and seller both will be benefited by means of our project.

1.3 Objectives

We work on this project,

- i. To make the digital and easy medicine buying system
- ii. To provide home delivery of medicines

1.4 Features

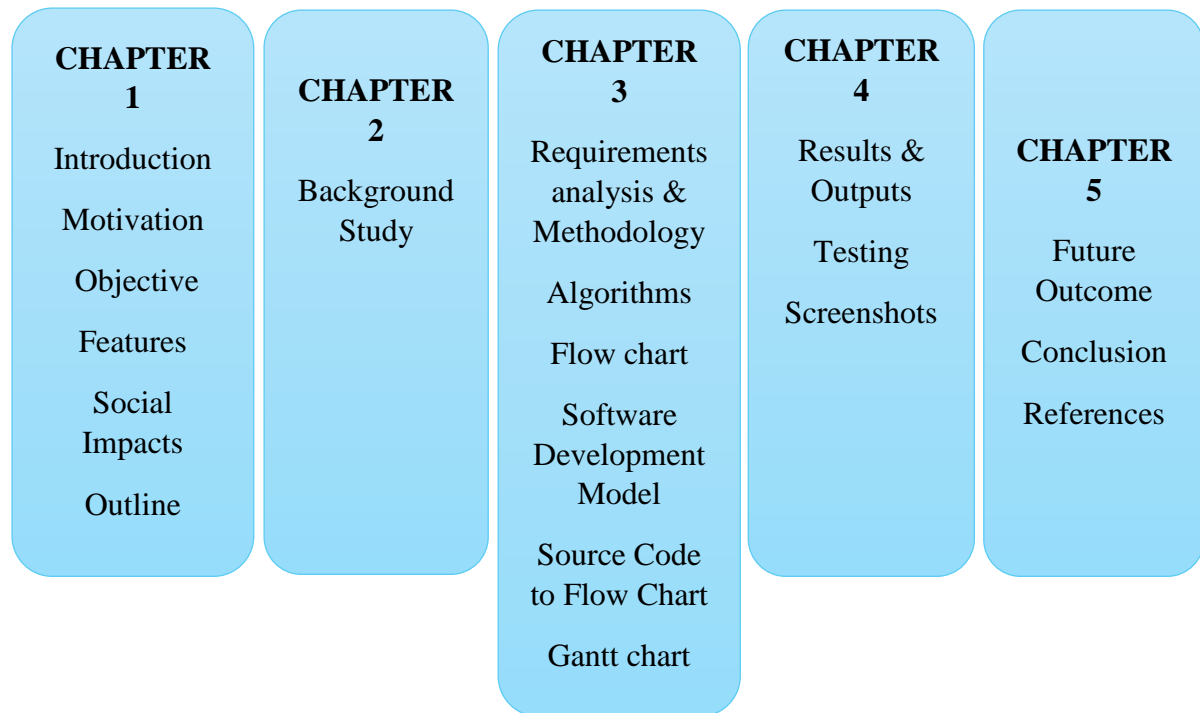
There are some features of application:

1. Buy general medicines, medical equipment and some other necessary items.
Example: Napa, Saline, Mask, Sanitizer, Ceveit etc.
2. Buy the special medicine, ex: heart, kidney, diabetics etc. related medicines by uploading the prescription.
3. Search the medicines from our own huge medicine database
4. Know the individual medicines prices
5. Order and get home delivery
6. Determine Heart Rate (Pulse) by means of this app using Smartphone Camera and Flash Light.
7. Different application for medicine deliveryman.
8. Our own medicine database.

1.5 Social Impact

By means of our application peoples can get their medicines home delivery as early as possible. This will help the older peoples more. In case of any emergency time anyone can order the medicines and get it. By means of our application the medicine buying system will be digitalized. Also, by using our build in special features people can determine their Pulse level. All kind of people will be benefited by using our application.

1.6 Outline



CHAPTER 2

LITERATURE REVIEW

2.0 BACKGROUND STUDY

Authors [1] mentioned about illegal medicines selling via online pharmacies which is a crime. In many countries, the illegal medicines along with drugs are selling via online pharmacies. Now the user of internet is increasing day by day also people feel more comfortable to buying something form online market. With the help of online pharmacies anyone can order any kind of medicines and most of the time without prescription the customer can buy medicines. By means of this situation some people selling some illegal medicines or drugs. The sellers try to promote his/her business on the internet with attractive marketing and other stuffs. The sellers use the Web or internet very carefully. Many times, the sellers or online pharmacies try to hide their identity. With the coordination of private and public sectors this issue was decreasing but there were some areas where more works needed.

Author [2] mentioned that, total sales of the prescription-based drug by means of Internet is increasing day by day. According to a survey, among the total number of internet users' almost 74 per cent users searching about medical related items regularly. Because of some special features like low price, discount, coupon code, convenience, easy to buy, home delivery etc. online pharmacies are becoming more popular day by day. Medicines are necessary in our daily life and that's why its demand is high. As the online system is more comfortable, customers selecting these online pharmacies more and more. According to an author [19], online pharmacies can be divided by 3 categories. In US this online service is very popular and safe because of their Food and Drug Administration (FDA). But sometimes many pharmacies sell some illegal drugs, also sells some medicines without prescription which is illegal. This should be monetarized by the authorities.

Authors [3] Cited sales are increasing despite the danger or fear of buying pills online. Senior citizens or minority sufferers do now not need to buy drugs on line due to bullying and shortage of enjoy. Sadly, excessive-threat tablets have an impact at the net and nobody has a obligation to guard them. Internet site dealers are anonymous and unscrupulous doctors who sell these

capsules without a prescription or approval without seeing the affected person. The internet is perhaps the most widely applied technological innovation within the past two decades. U.S. 1 awesome blessings have resulted from the explosion of business and change that has followed the net. Via greasing the wheels of trade, the internet has supplied sizable reductions in price and more get right of entry to to extra products for greater human beings round the arena. Certainly, globalization of commerce is a part and parcel of internet transactions. But, with such an boom in on line sellers and willing buyers, the darker facet of net income has emerged. One place is mainly worrisome: the sale of medications over the internet. 3 With unfettered net drug income threatening public health, policymakers need to be knowledgeable about this difficulty that allows you to take the essential steps to cope with the trouble and permit the advantages of net buying to inure to sufferers often, shoppers who input the nontraditional market for tablets and chance receiving counterfeit and coffee first-rate materials have little expertise of the scope or presence of that chance. Regardless of as a minimum a few information on the dangers of online buying, on-line drug consumers have either no longer received the message or sincerely omitted it. But an remarkable 90-three percent of the respondents who had bought prescribed drugs through the net by no means considered that the goods is probably tainted or faux. Notwithstanding the fact that extra than half of of these on line drug consumers expressly stated that there is no way to inform if a drug is actual or counterfeit, they nevertheless bought the drug over the internet. The danger of ordering through internet drug dealers is often directly associated with the manner of order, delivery, and the kind of pharmacy the patient does enterprise with. The spectrum of ordering strategies demonstrates an growing distance from legitimacy and oversight that will increase dangers related to the purchase, sale, and use of the product. Ordering methods encompass consumers: mailing in a valid prescription; having their physicians post prescriptions by way of phone, fax or mail to an internet distributor and acquiring a prescription from the website itself thru an online survey.

Authors [4] Stated growing use of the internet and its associated technology has enabled the upward push of social media systems, such as fb, Twitter, Myspace, and Google+. The phenomenon is international, with near 4 of 5 lively worldwide internet users frequently visiting social media, and social media structures representing the pinnacle on line locations in a go-segment of 10 developed international locations and emerging markets (together with Brazil, Mexico, India, and China). The accelerated use of the internet and social media era has

additionally been associated with direct-to-customer advertising to market health-related merchandise.

The number one effects of the have a look at were to determine the up-the front monetary price, determine if we may want to generate internet/consumer site visitors, and in that case, its extent and geographic distribution. Facebook, Twitter, and Myspace content material created for the functions of this look at maintain to stay available as of April 19, 2013, regardless of exceedingly questionable and probably illegal content material.

Authors [5] Mentioned with the appearance of the internet, many individuals have became to on-line pharmacies to purchase pharmaceuticals, and more and more physicians have integrated the net and e-mail into their scientific practice. Cutting-edge regulation of online pharmacies and doctors includes a patchwork of federal and kingdom laws in an array of areas. 3 at the federal stage, the meals and Drug administration regulates pharmaceuticals beneath the Federal food, Drug, and cosmetic Act, which governs, among different matters, the protection and efficacy of prescription medications, together with the approval, production, and distribution of such capsules. Five the Drug Enforcement organization enforces the managed materials Act, that's a federal statute that establishes criminal and civil sanctions for the unlawful possession, manufacturing, distribution, or importation of controlled materials. 7 as a result, some of the laws that govern online pharmacies and docs range from kingdom to country. The modern prison framework for regulating online pharmacies and docs is a patchwork of federal and nation laws concerning managed materials, prescribed drugs, pharmacies, and the exercise of drugs.

Author [6] studied regarding the evolution of pharmaceutical e-commerce or online pharmacies in European countries. Business to consumer internet sales (B2C) is increasing day by day. There are some advantages for the online customer like offer prices, discount etc. But at that moment, the pharmaceutical sectors in Europe were at beginner stage. There were some issues regarding online pharmacies line selling medicines without prescription, the uses of that medicines. Online medicines are most famous in USA. In some countries online medicines sells were not permitted. But in Europe it is permitted selling medicines online. For online advertisement, online the real and informative news are allowed to publish. Form someone's point of view online pharmacies should be controlled by the pharmacists, should keep the direct

contact between the patient and doctor along with the pharmacist. Those condition may decrease the risk of buying medicines from online pharmacies.

Authors [7] researched in New Zealand regarding selling non-prescription medicine in various pharmacies in 1999. In the winter season the data was collected from 12 pharmacies. Several questions were asked to the customers those who bought non-prescription medicines from the pharmacies. The questions were asked to the customers for 5 days in every pharmacy. The survey was observed medicine sales of 71.2% and found that two-third of sellers were providing the medicines and consultation without any kind of pharmacist input. For buying a medicine for the first time, most of the time the medicines given by the pharmacy stuffs and the brand of the medicines also selected by them. From the total medicine purchases 85.6% purchases were single medicine purchases. From the total number of customers, the female customers were 72.4%. Some customer fixed some medicines names to their mind and came to buy it, on the other hand some came with no clue about medicines. But end of the day an active role was played for buying non-prescription medicines by the pharmacy stuffs. In the training sessions for the pharmacy assistants, the appropriate guidelines for selling non-prescription medicines is also important.

Authors [8] explain and divided the online pharmacies in two groups. They said it can be divided in two parts. There are many benefits of online pharmacies, for example the customers can know the details about the medicines including the unit prices of each and every medicines easily and from home. Which is more beneficial for the older persons. Also the customers can easily order some private medicines for their personal life without any privacy issue. There are also some disadvantages for online pharmacies. Some online pharmacies can sell some medicines which is illegal or to buy that the customer required prescription. On the other hand some online pharmacies takes extra money for medicines. Also there are some advantages and disadvantages for off level marketing. There are many terms and conditions for online pharmacies along with physical pharmacies. There are some rules from the State Government, Medical Community. The most effective solution for this bad side of online pharmacies can be a strict rule and some punishment for that kind of crime. Also to reduce that crime the customers along with physicians need to aware. By means of strong rules and restrictions this crime can be reduced and the customers can buy medicines online without any issues.

Author [9] researched about the behavior of the customers in the online market from a total 48 papers. According to the Forrester Research in 2003, in US among all the net users more than 50 per cent net users buying something from online. There are two factors that can't be controllable of the customers- customer's characteristics and environmental influence. On the other hand product's characteristics, medium characteristics and the merchant's characteristics can be controllable. The marketing in the web is most important factor in this case. An online customer's total impression is based on some points. The customer can find their items on web and they will also pay attention to the item's design, quality etc. There are some factors in online experience. Functionality, psychological, content factors are the main factors. These factors are under control of the e-marketers. There are also trust factors while buying something from online.

Authors [10] worked on Photoplethysmogram (PPG) acquisition along with evaluation system of pulse rate. Both of them are smartphone based. That was designed for various types of smartphones. In smartphones there are different types of cameras but that will provide the same result for various devices in different ways. Monitoring the blood pressure, heart rate or other parameters is very essential now a days. Now many monitoring activities are done by smartphones. In that proposal there is a personalized health monitoring architecture included. This system works with the help of smartphones cameras. When someone put his/her fingertip on the camera lens, by means of the camera lens using some algorithm the monitoring data will be collected and show the results. The PPG evaluation algorithm is the main factor in this proposal. This algorithm plays a vital role here. There was an experiment of 10 persons whose age was between 20 to 60 years regarding this proposal. In that experiment they checked SPO2 with smartphones and the result was compared with the Oximeter and the results were comparable between the devices.

Authors [11] proposed to determine the vital parameters SPO2 level and heart rate by means of mobile phone's camera. They did it using the phone's camera and measuring color signals from the fingertip placed on the camera. SPO2 is very vital for our body. The normal level of it is 95-99. If this level is below 80, it can damage some organs of body. To measure this phone's camera is needed along with flashlight of the phone. They determined the SPO2 level

and heart rate by means of flowing blood. There are two algorithms used to determine the SPO₂ level and heart rate. They showed the implementation step by step with proper screenshots and flow charts. They experiment it with some peoples and the results were almost close to the result with the oximeter reading.

Authors [12] Gift a machine for real time pulse to pulse c language time series acquisition through camera and picture processing. This device is phone-based system. It'll work the combos of frames charge, API, mobile GPU. Recent smartphones (according to the paper) have 3G facilities, WIFI, Bluetooth and the main thing is powerful processor and HD cameras. Those are useful for this proposal. The first work is collecting the data. PPG is a process for determine the blood volume changes. There are also some works for Frame processing by means of API. The app was used on Samsung S5 device for experiment and collect the data. The app was developed with some relative errors on results which is negligible and the score of SDE is around 7.81.

Authors [13] Cited domestic tracking or self-monitoring through generation can clear up the issue of going to any scientific and help customers to higher manage the fitness circumstance. Sufferers who self-screen are 50% more likely to have high blood pressure manipulate competitive structures are normally ideal. But they want sufficient abilities. Present noninvasive structures may be categorized into two classes: touchless structures and structures that require physical affected person communication. The affordable accuracy of the technique became much less than 15 cm when the problem became inside the place. Some other touchless method based totally on optical sensors including cameras turned into investigated. Users should buy and deliver the oximeter to use the structures. That is inconvenient for most customers. For this reason, it's miles essential to offer self-monitoring capability to ubiquitous devices along with smartphones. Heart fee tracking systems are primarily based on mirrored image-mode Photoplathmyography and work in this type of manner that the photo of a finger held in the digicam is carried to the digital camera with the lamp. Every smartphone has exceptional features including digicam decision, computing power, digicam-LED configuration and distance among the digicam and the LED lamp. That proposed method does not depend upon the parameter price. It can be expecting heart rate greater correctly. In the

end, they conclude that the proposed approach can estimate in real time with a coronary heart charge, the mistake charge on currently to be had smartphones is less than 5%.

Authors [14] Developed a Blood Pressure monitoring system which is smartphone based. The name of that app was Seismo. The system uses accelerometer of the smartphone to measure the vibration which is done by movements of the heart valve. The system was prepared with the help of PPG technique. The app was fully developed and, in the experiment, result it was ok with some limitations and some ups and downs results. The algorithm and the process is mentioned there.

Authors [15] works for determine the SPO₂ by means of smartphone camera. The main advantage is, anyone can check his/her SPO₂ level any time anywhere by means of his/her smartphone. For this system the proper lighting along with wavelengths for PPG signal required. There are some formula and algorithms for this system. The results of tests on Samsung Note 3 was compared with the results from the SPO₂ pulse oximeter CMS50D+. The camera resolution of note 3 was 3840*2160 and the frame rate was 30 fps. The values from the smartphone was almost near to the values from the oximeter. After that the experiment was done on HTC one mini. After that some experiments were done by then with different methods and the result was almost satisfactory.

Authors [16] Mentioned many cellular telephones now very own excessive-velocity information transmission skills (Like, 3G, 4G) and embed microprocessors (e.g., Bluetooth, ANT) with wireless connection capabilities to outside devices. Gives greater advantages than. Cell telephones collect and encrypt bio-health records from transportable medical devices (e.g., blood pressure, glucose and pulse oximeter monitors, weight scales) and cellular sensors (e.g., physical hobby; accelerometer calculations, coronary heart price, breathing distress), and so forth. Is transferred to any form of nearby or internet-based totally server. They're then looked after right into a functional database. The procedure verifies the user's various health parameters and gives well timed healthcare facts to the person. The searches are primarily based on a limited length group, but the results offer preliminary proof that software applications the use of our Android Motorola Droid OM video... Offers valid measurements of

HR throughout the imaging device with 3 distinctive functions that fluctuate in HR depth. The utility has extensive capability for use in amassing intermediate HR measurements all through the environment with none wiring connection. The device is capable of as it should be stumble on levels but comparable light depth activities. Motorola Droid smartphones made use of Verizon wi-fi in Charleston, South Carolina.

Author [17] studied regarding feasibility of heart rate measure by means of smartphone which was associated with someone's emotional conditions. It is possible to measure someone's heart rate using a smartphone by means of Photoplethysmography (PPG). For nearly about 80 years, for measure the heart rate PPG techniques have been available. Total participants for this experiment were seventy-four. Among them they divided to small group containing four members each to collect data. Six participants heart rate were not measured accurately within 60 seconds for one of the two relived emotions. Remaining 68 participants result were submitted to 3*2 repeated measures ANOVA. The result showed that, heart rate increases strongly in anger mood than happy mood. My means of this study it is demonstrates that heart rate can be measure with different moods by using a smartphone.

Authors [18] studied about the accuracy for heart rate measurement of smartphone apps. This study is for determine the accuracy of that apps. The test was performed in two Apple phones (iPhone 4 and iPhone 5) and four different apps. Among the apps two were based on contact photoplethysmography and two were non-contact photoplethysmography based apps. After study they found difference between the contact photoplethysmography based app and non-contact photoplethysmography based apps for heart rate measurement, the two contact photoplethysmography based app give the better accuracy and higher feasibility than the two non-contact photoplethysmography based apps.

CHAPTER 3

REQUIREMENTS ANALYSIS & METHODOLOGY

3.1 Requirements

3.1.1 Medicine Hawker Application

► Hardware Requirements:

- Device: Mobile
- Optical light Sensor
- Camera (minimum 3 megapixel), LED flash light
- 256 MB RAM (recommended)
- Minimum 15MB free hard drive space
- Global Positioning System (GPS)

► Software Requirements:

- Platform Version: Android 11 to low
- API Level: 30 to low
- Version Code: R to low
- Operating System: Android

3.1.2 Delivery Boy Application:

► Hardware Requirements

- Device: Mobile
- 256 MB RAM (recommended)
- Minimum 10MB free hard drive space
- Global Positioning System (GPS)

► Software Requirements

- Platform Version: Android 11 to low
- API Level: 30 to low

- Version Code: R to low
- Operating System: Android

3.1.3 Medicine Hawker Admin Panel

► Hardware Requirements:

For Smart Phone:

- RAM 256 MB (recommended)
- 100 MB free hard drive space(recommended)
- Responsible hardware for browsing internet

For PC:

CPU –

- Processor minimum 1 Ghz CPU or above
- RAM minimum 1 GB RAM or above
- Available disk space minimum 100 MB
- Access direct internet connection

► Hardware Recommendations:

CPU –

- Processor 2 Ghz CPU or above
- RAM 2 GB RAM or above
- Available disk space 1 GB Internet
- Access direct internet connection

Software Requirements

For Mobile:

- Operating System: Android
- Any internet browsing software

For PC:

The minimum software requirements are listed below:

- Operating System Any (no specific OS required / Only a browser is required).
- Web Browser: Internet Explorer 9.0 or higher, current version of Chrome, current version of Firefox.

Recommendations:

The recommended software configuration is listed below:

Web Browser: Internet Explorer 9.0 or higher, current version of Chrome,
current version of Firefox

3.2 Algorithms

3.2.1 Algorithm for “Medicine Hawker (Home Screen)” Application

Step 01: START

Step 02: Select one module from “Order Medicine” and “Heart Rate Measurement” for launching one of them at a time and go to step 03

Step 03: END

3.2.2 Algorithm for “Order Medicine” module

Step 01: START

Step 02: Search & Select Products

Step 03: Select Quantity

Step 04: Check Cart

Step 05: Select Checkout

Step 06: Not Registered? Go to step 18

Step 07: Input valid mobile number & password for login

Step 08: Not Login Successfully? Go to step 26

Step 09: Show “Upload Prescription” Screen and Want to skip this step? Go to

Step 10: Browse and upload prescription with registered mobile number

Step 11: Show “Delivery” part of “Checkout Screen” for inputting delivery details, applying promo code and seeing order summary

Step 12: Show “Payment” part of “Checkout Screen” for selecting payment method and delivery day

Step 13: Confirm order and amount

Step 14: Not confirm order and amount? Go to step 12

Step 15: Order Placed Automatically after confirming order and amount

Step 16: Select one from “Order details” to see Track order and “Continue Shopping” to do further shopping

Step 17: Logout and go to step 36

Step 18: Input mobile number for verify and Select next to Sign up.

Step 19: Received OTP

Step 20: Enter OTP

Step 21: Not Received OTP? Go to 25

Step 22: Select verify

Step 23: Fill up a form and set password

Step 24: Select Signup and go to step 07

Step 25: Select Reset for receiving OTP and go to step 19

Step 26: Select Forgot Password

Step 27: Input registered mobile number

Step 28: Received OTP

Step 29: Enter OTP

Step 30: Not Received OTP? Go to 35

Step 31: Select verify

Step 32: Set new password and confirm new password

Step 33: Select “Yes” to reset password successfully and go to step 07

Step 34: Select “No”? Go to step 32

Step 35: Select Reset for receiving OTP and go to step 28

Step 36: END

3.2.3 Algorithm for “Heart Rate Measurement” module

Step 01: START
Step 02: On flash & camera automatically
Step 03: Put index figure across to the camera & flash
Step 04: “Optical Light Sensor” sense the heart rate
Step 05: Not sense heart rate by “Optical Light Sensor”? go to step 07
Step 06: Show heart rate
Step 07: END

3.2.4 Algorithm for “Delivery Boy” Application

Step 01: START
Step 02: Input valid mobile number & password for login
Step 03: Not Login Successfully? Go to step 08
Step 04: Select “Call to customer” to call the customer
Step 05: Select “Get Direction” to get the direction of the customer
Step 06: Select “Processed” to update the order status of the customer
Step 07: Logout or go to 18
Step 08: Select Forgot Password
Step 09: Input registered mobile number
Step 10: Received OTP
Step 11: Enter OTP
Step 12: Not Received OTP? Go to 17
Step 13: Select verify
Step 14: Set new password and confirm new password
Step 15: Select “Yes” to reset password successfully and go to step 02
Step 16: Select “No”? Go to step 14
Step 17: Select Reset for receiving OTP and go to step 10
Step 18: END

3.3 Flow Charts

3.3.1: Flow Chart for Home Screen

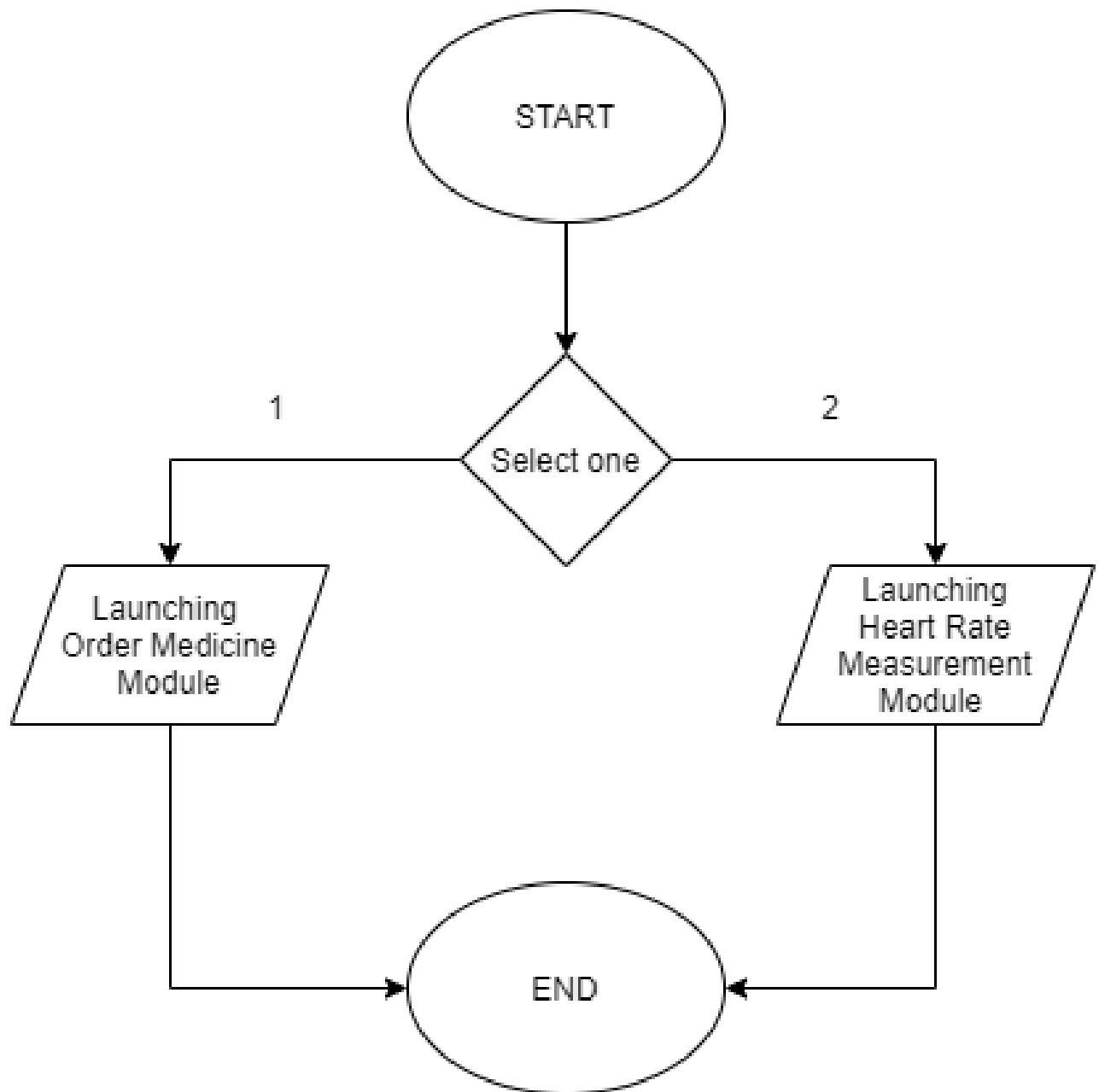


Fig 3.3.1: Flow Chart for Home Screen

This is the flow chart of Medicine Hawker Home Screen. Here we can find two options. One is Launching Order Medicine module and another one is launching Heart Rate Measurement module. Order Medicine module is used for order medicines from our home and Heart Rate Measurement module is used for measuring our heart rate.

3.3.2: Flow Chart for Order Medicine

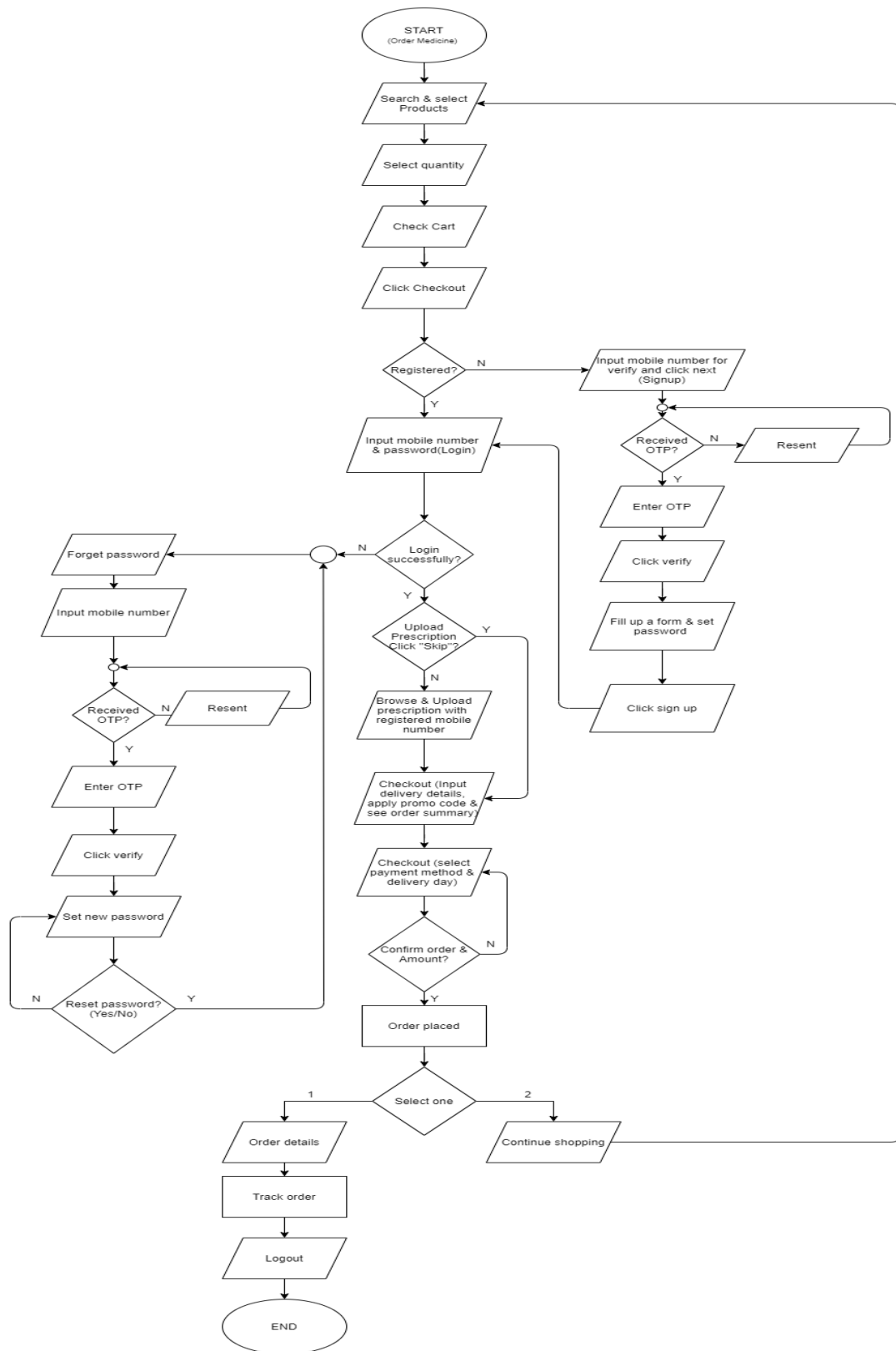


Fig 3.3.2: Flow Chart for Order Medicine

This is the flow chart of Order Medicine option in Medicine Hawker app. Here we can find different categories to order different medical products and equipment from our home.

3.3.3: Flow Chart for Heart Rate Measurement

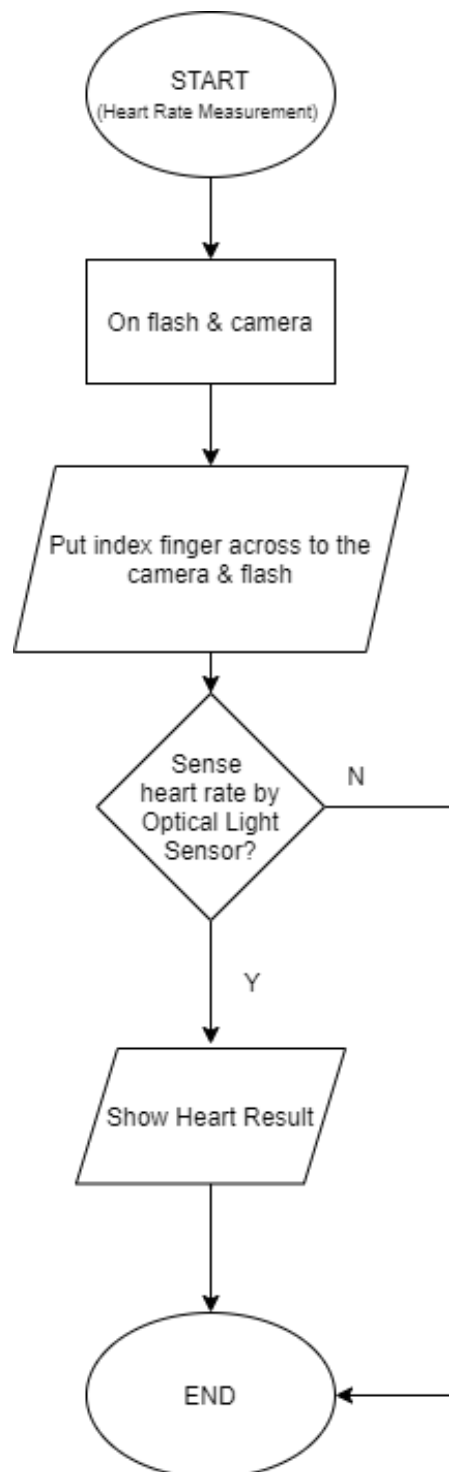


Fig 3.3.3: Flow Chart for Heart Rate Measurement

This is the flow chart of Heart Rate Measurement option in Medicine Hawker app. By using this option, we can measure our heart rate.

3.3.4: Flow Chart for Delivery Boy Application

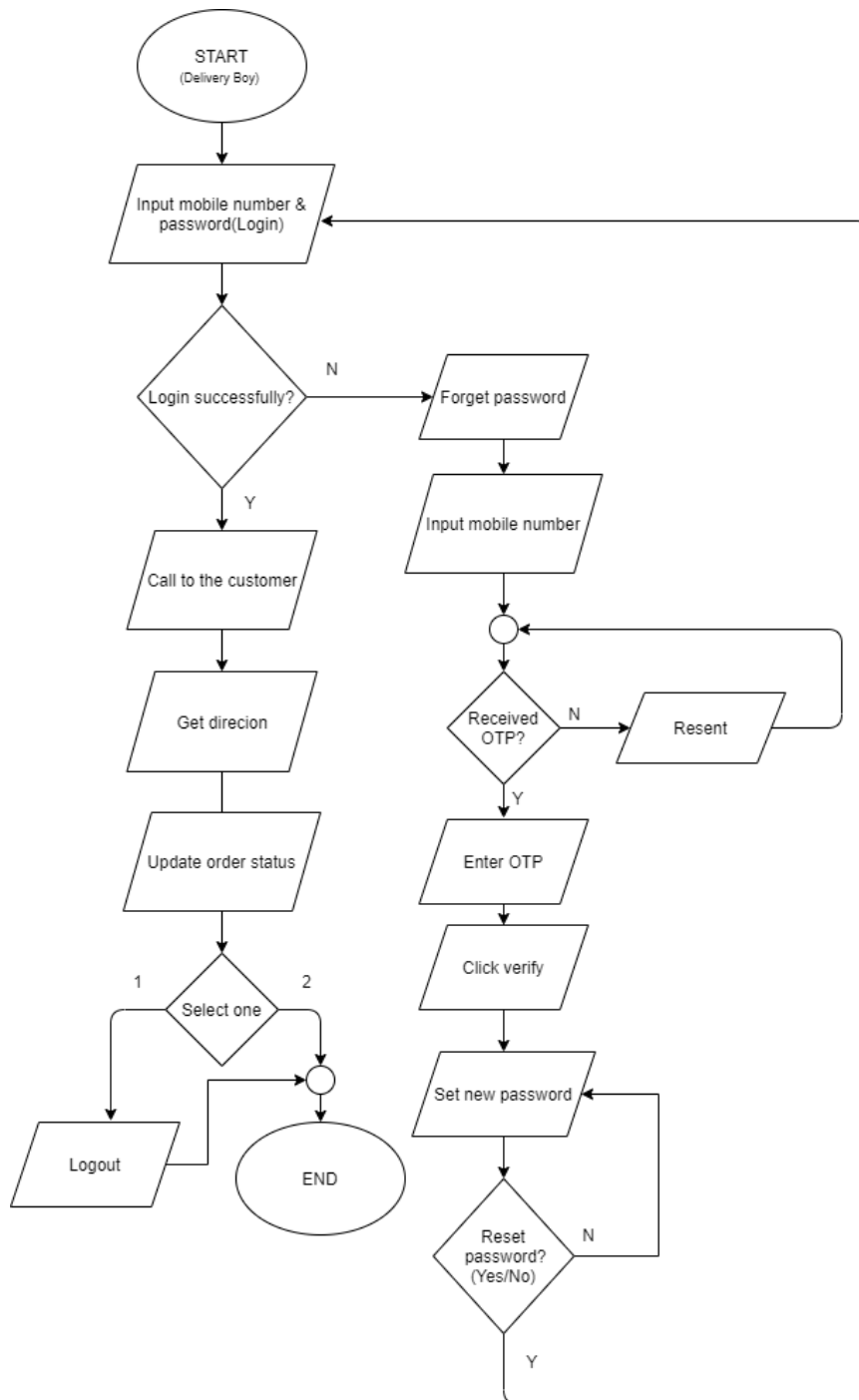


Fig 3.3.4: Flow Chart for Delivery Boy Application

This is the flow chart of Delivery Boy application. This application is basically made for the delivery man for delivering medicines to the Medicine Hawker app users. Here we can find the medicine orders from the users which we got from Medicine Hawker application. By using this app, a delivery boy can find a proper directions and instructions to reach and delivery the orders to the users.

3.4 Software Development Model

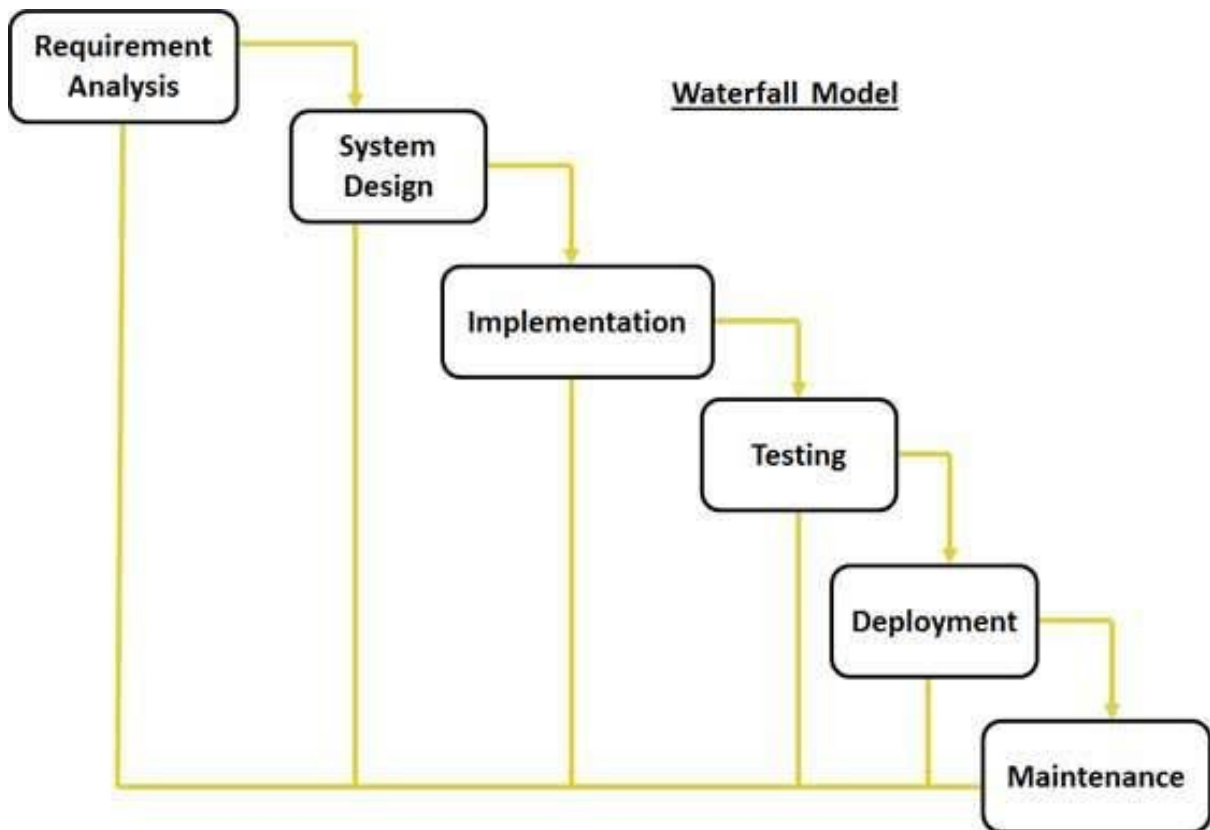


Fig 3.4: Waterfall Model

To implement our idea from scratch to final product we follow “Waterfall Model”.

3.5 Gantt chart:

Table 3.6: Gantt chat

Description	Estimated Days	Date	
		From	To
Planning	26	October 02,2019	October 28,2019
System Study	14	October 29,2019	November 11,2019
Data Gathering	97	November 12,2019	February 17, 2020
Analysis	27	February 18,2020	March 15, 2020
Flow Chart	15	March 16, 2020	April 30, 2020
GUI Design	41	May 01,2020	June 10, 2020
Development	112	June 11, 2020	September 30, 2020
Testing	31	October 01, 2020	October 31, 2020

CHAPTER 4

RESULTS AND OUTPUTS

4.1 Medicine Hawker Test Case

4.1.1 Login:

Table 4.1.1: Login (Medicine Hawker)

Conditions	User Mobile Number	F	T	F	T
	Password	F	F	T	T
Actions	Result	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Logged in
	Expected Result	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Logged in

4.1.2 Change Password:

Table 4.1.2: Change Password (Medicine Hawker)

Conditions	Old Password	F	T	F	T
	New Password	F	F	T	T
Actions	Result	Error: Please enter valid password	Error: Please enter valid password	Error: Please enter valid password	Password Changed
	Expected Result	Error: Please enter valid password	Error: Please enter valid password	Error: Please enter valid password	Password Changed

4.1.3 Others Actions

Table 4.1.3: Others Actions (Medicine Hawker)

Actions	Result	Expected Result
Signup	Signup Successfully	Signup successfully
Forget Password	Successfully password recover	Successfully password recover
Search Medicines	Find desire database's stored medicines	Find desire database's stored medicines
Oder Medicine	Order successfully	Order successfully
Order Cancellation	Order successfully cancel	Order successfully cancel
Track Order	Order tracking properly	Order tracking properly
Get Notifications	Get order status notifications	Get order status notifications
Refer & Earn (invite friends)	Invite friends successfully	Invite friends successfully
Share App	Share app successfully	Share app successfully
Logout	Logout successfully	Logout successfully

4.2 Delivery Boy Test Case

4.2.1 Login:

Table 4.2.1: Login (Delivery Boy)

Conditions	Delivery Boy Mobile Number	F	T	F	T
	Password	F	F	T	T
Actions	Result	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Logged in
	Expected Result	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Logged in

4.2.2 Others Actions:

Table 4.2.2: Others Actions (Delivery Boy)

Actions	Result	Expected Result
Forget Password	Successfully password recover	Successfully password recover
Order Number Update	Order number update successfully	Order number update successfully
Profile Update	Profile updated successfully	Profile updated successfully
Get Order Medicine	Get order medicine properly	Get order medicine properly
Order Status Update	Order status update successfully	Order status update successfully
Get Notifications	Get order status notifications	Get order status notifications
Wallet History	Wallet history updated successfully	Wallet history updated successfully
Wallet Balance	Wallet balance updated successfully	Wallet balance updated successfully
Bonus Percentage	Bonus percentage updated successfully	Bonus percentage updated successfully
Call to Customer	Make call to customer successfully	Make call to customer successfully
Get Direction	Get customer direction successfully	Get customer direction successfully
Logout	Logout successfully	Logout successfully

4.3 Medicine Hawker Admin Panel Test Case

4.3.1 Login as super admin (Role):

Table 4.3.1: Login as super admin role (Medicine Hawker)

Conditions	Username	F	T	F	T
	Password	F	F	T	T
Actions	Expected Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in
	Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in

4.3.2 Login as admin (Role):

Table 4.3.2: Login as admin role (Medicine Hawker)

Conditions	Username	F	T	F	T
	Password	F	F	T	T
Actions	Expected Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in
	Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in

4.3.3 Login as editor (Role):

Table 4.3.3: Login as editor role (Medicine Hawker)

Conditions	Username	F	T	F	T
	Password	F	F	T	T
Actions	Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in
	Expected Result	Error: Please enter valid username and password	Error: Please enter valid username and password	Error: Please enter valid username and password	Logged in

4.3.4 Others Actions

Table 4.3.4: Others Actions (Medicine Hawker)

Actions	Result	Expected Result
Order Number Update	Order number updated successfully	Order number updated successfully
Product Number Update	Product number updated successfully	Product number updated successfully
Registered Customer Number Update	Registered customer number updated successfully	Registered customer number updated successfully
Category Wise Product's Count	Category wise product's count updated successfully	Category wise product's count updated successfully
Weekly Sale Graph	Weekly sale graph updated successfully	Weekly sale graph updated successfully
Get Order Medicine	Get order medicine properly	Get order medicine properly
View & Delete Order	View & delete order successfully	View & delete order successfully
Edit Discount	Edit discount successfully	Edit discount successfully
Select Delivery Boy	Select delivery boy successfully	Select delivery boy successfully
Order Status Update	Order status update successfully	Order status update successfully
Add Category	Add category successfully	Add category successfully
Add Sub Category	Add sub category successfully	Add sub category successfully
Add & Delete Product	Add & delete product successfully	Add & delete product successfully
Manage Products (View, Edit & Delete)	Manage products successfully	Manage products successfully

Products Showing Order Selection	Products showing order selection successfully	Products showing order selection successfully
Add Main Slider	Add main slider successfully	Add main slider successfully
Add New Offer Image	Add new offer image successfully	Add new offer image successfully
Manage Promo Code	Manage promo code successfully	Manage promo code successfully
Create / Manage Featured Products Section	Create / Manage featured products section successfully	Create / Manage featured products section successfully
Customer List	Customer list created successfully	Customer list created successfully
Manage Customer Wallet	Manage customer wallet successfully	Manage customer wallet successfully
Sent Notifications	Sent notifications successfully	Sent notifications successfully
Manage Payment Request	Manage payment request successfully	Manage payment request successfully
Manage Return Request	Manage return request successfully	Manage return request successfully
Manage Delivery Boys	Manage delivery boys successfully	Manage delivery boys successfully
Fund Transfer for Delivery Boys	Fund transfer successfully for delivery boys	Fund transfer successfully for delivery boys
Show Transection	Show transections properly	Show transections properly
Show Wallet Transections	Show wallet transections properly	Show wallet transections properly
Manage System (Store Settings, Payment methods, Time Slots, Notification Settings, Contact Us, Privacy Policy, Delivery	Manage system successfully	Manage system successfully

Boy Privacy Policy, About Us)		
Manage Location	Manage location successfully	Manage location successfully
Manage Reports	Manage reports successfully	Manage reports successfully
Manage Frequently Asked Questions	Manage frequent asked questions successfully	Manage frequent asked questions successfully
Manage System Users (Create Admin or Editor)	Manage system users successfully	Manage system users successfully
Admin Profile Edit	Admin profile edit successfully	Admin profile edit successfully
Admin Logout	Admin logout successfully	Admin logout successfully

4.4 Delivery Boy (Web) Test Case

4.4.1 Login:

Table 4.4.1: Login (Delivery Boy-Web)

Conditions	Delivery Boy Mobile Number	F	T	F	T
	Password	F	F	T	T
Actions	Result	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Error: Please enter valid mobile number and password	Logged in
	Expected Result	Error: Please enter valid mobile	Error: Please enter valid mobile	Error: Please enter valid mobile	Logged in

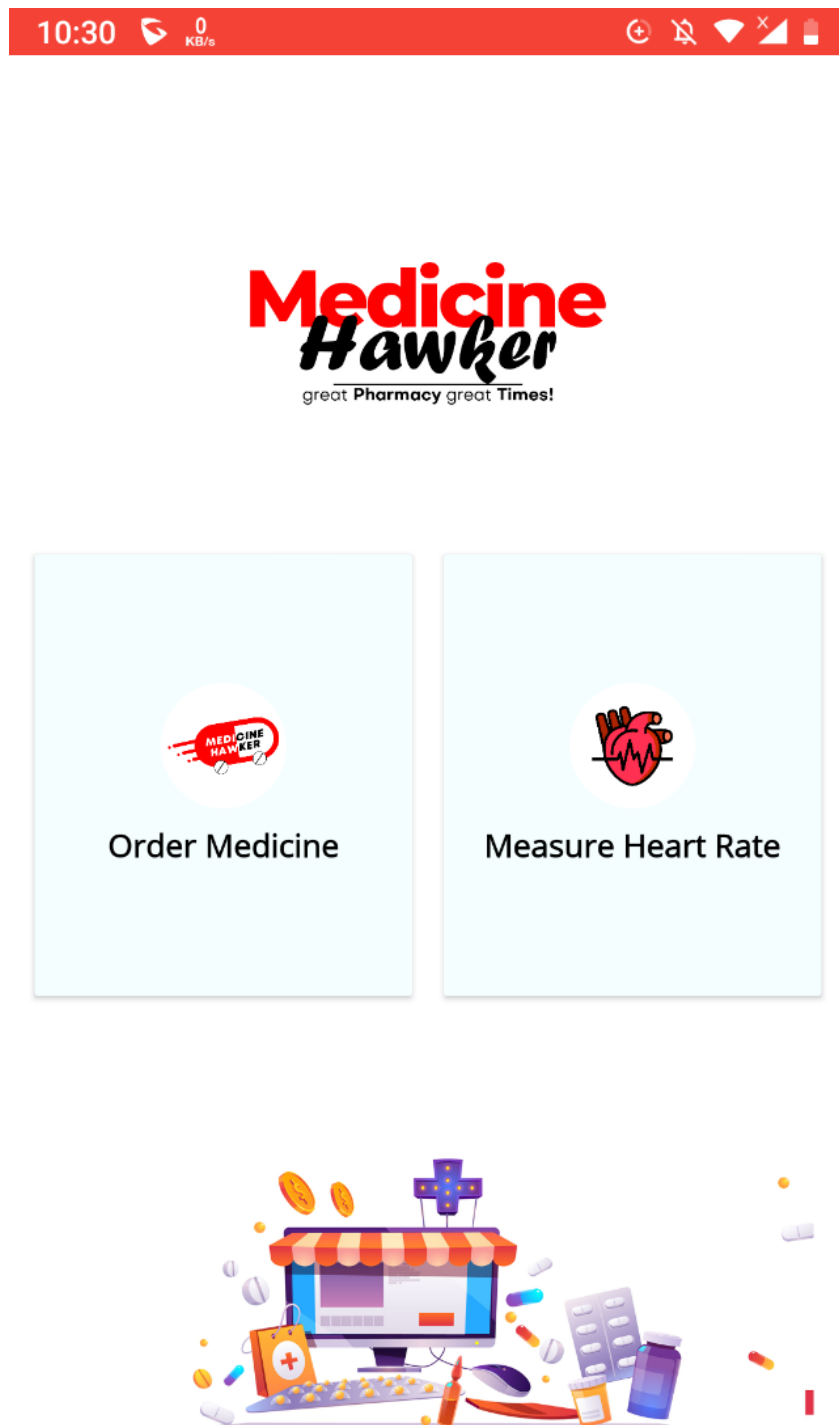
		number and password	number and password	number and password	
--	--	------------------------	------------------------	------------------------	--

4.4.2 Others Actions

Table 4.4.2: Others Actions (Delivery Boy-Web)

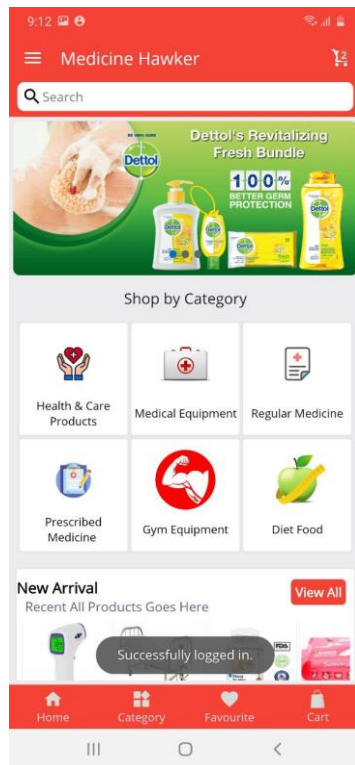
Actions	Result	Expected Result
Forget Password	Successfully password recover	Successfully password recover
Order Number Update	Order number updated successfully	Order number updated successfully
Profile Update	Profile updated successfully	Profile updated successfully
Get Order Medicine	Get order medicine properly	Get order medicine properly
Order Status Update	Order status update successfully	Order status update successfully
Get Notifications	Get order status notifications	Get order status notifications
Wallet History	Wallet history updated successfully	Wallet history updated successfully
Wallet Balance	Wallet balance updated successfully	Wallet balance updated successfully
Bonus Percentage	Bonus percentage updated successfully	Bonus percentage updated successfully
Call to Customer	Make call to customer successfully	Make call to customer successfully
Get Direction	Get customer direction successfully	Get customer direction successfully
Logout	Logout successfully	Logout successfully

4.5 Screenshots of the Application (Medicine Hawker)

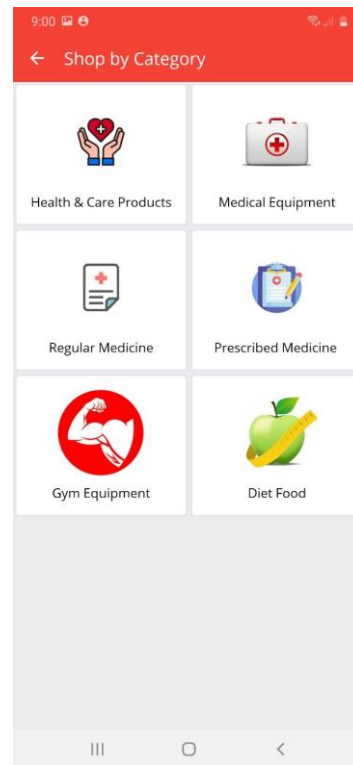


Home Screen

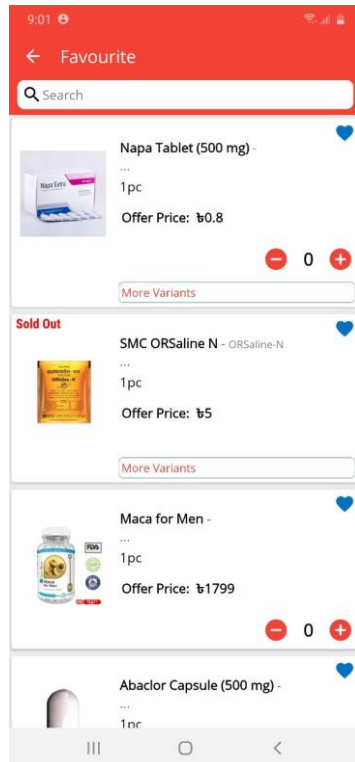
4.5.1 Order Medicine Module:



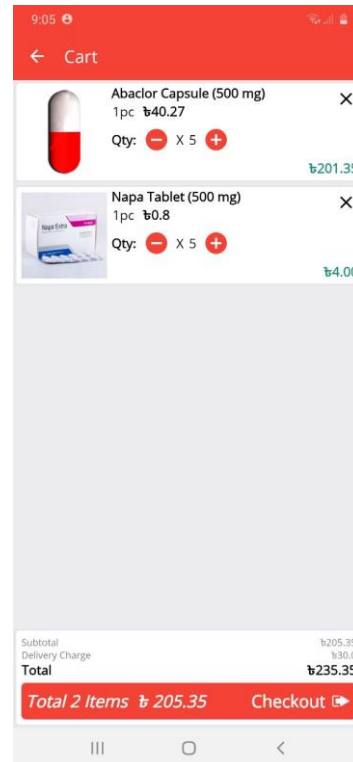
Home



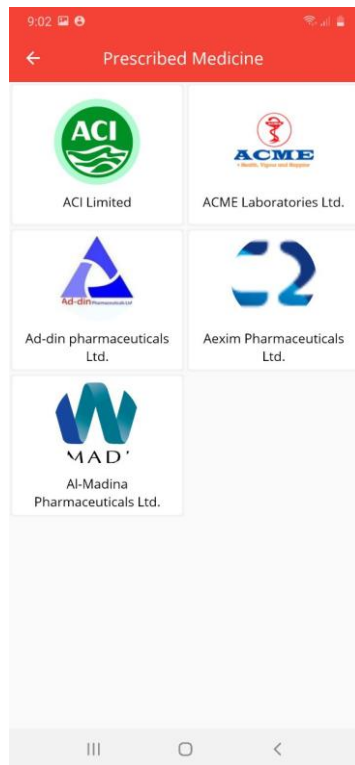
Category



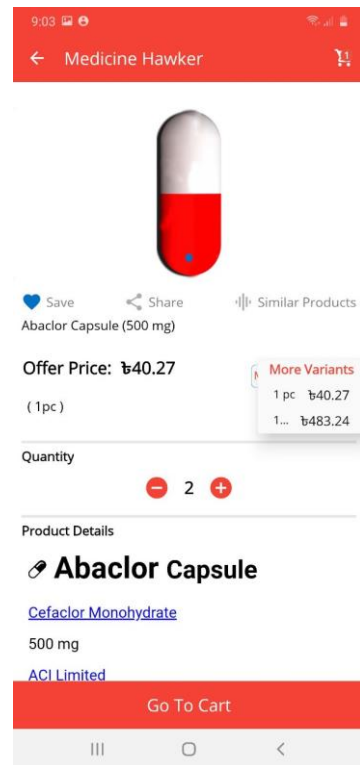
Favorite



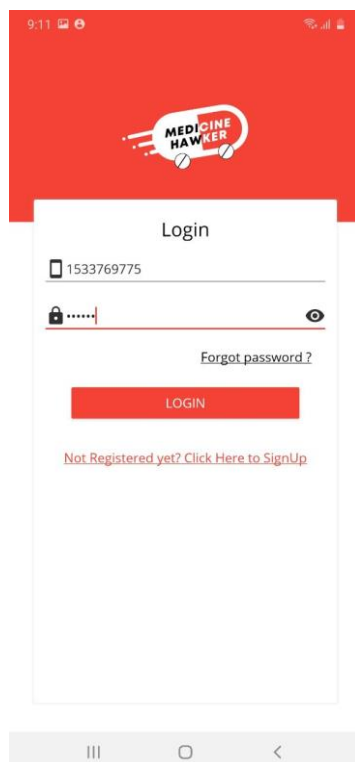
Cart



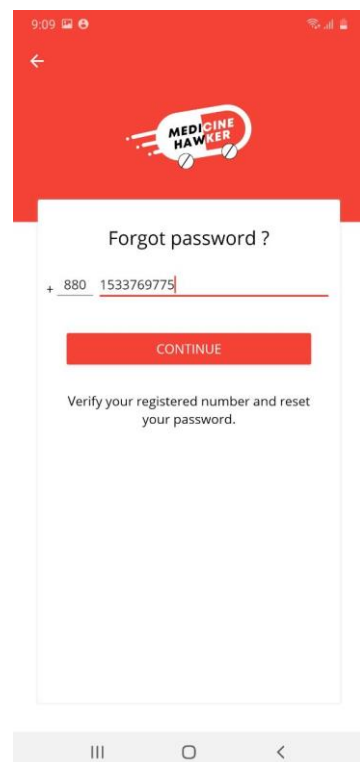
Prescribed Medicine



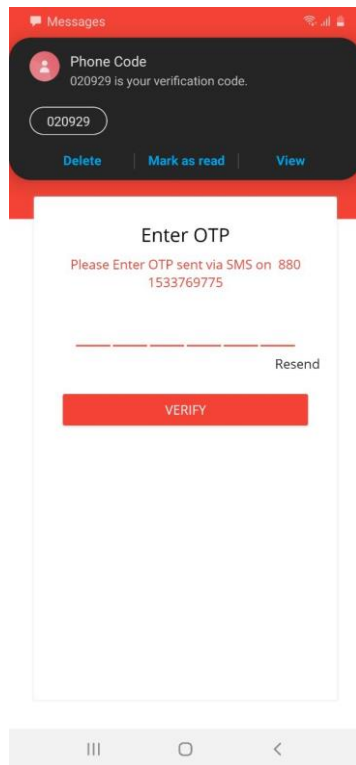
Selected Medicine Details



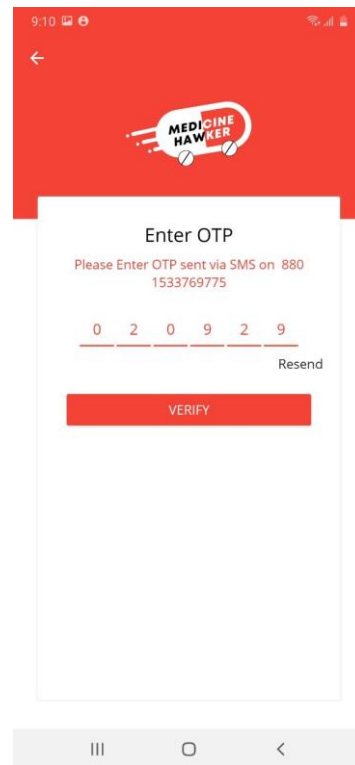
Login



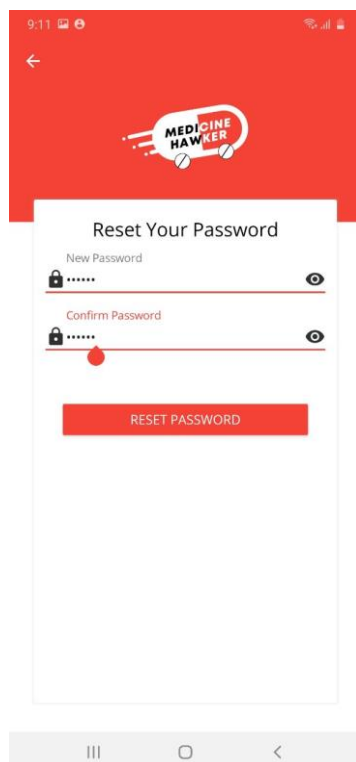
Forgot Password



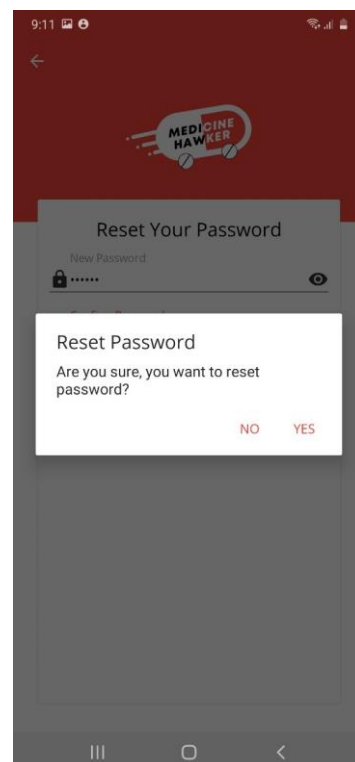
Received OTP



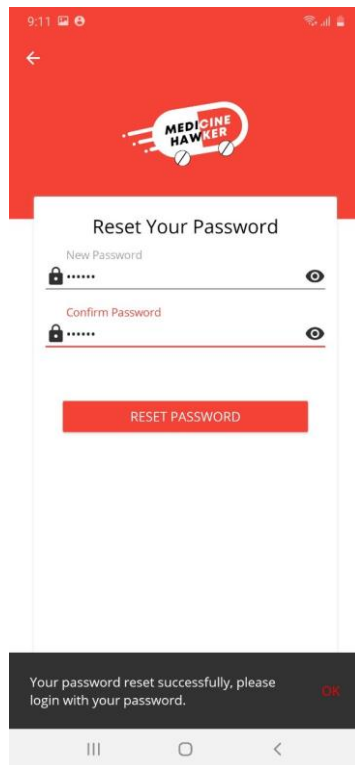
Enter OTP



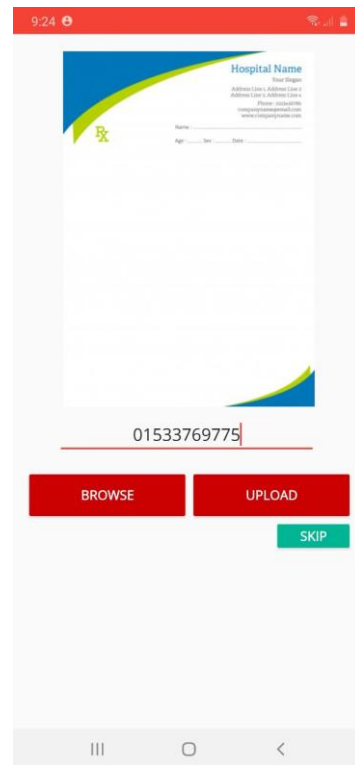
Reset your Password



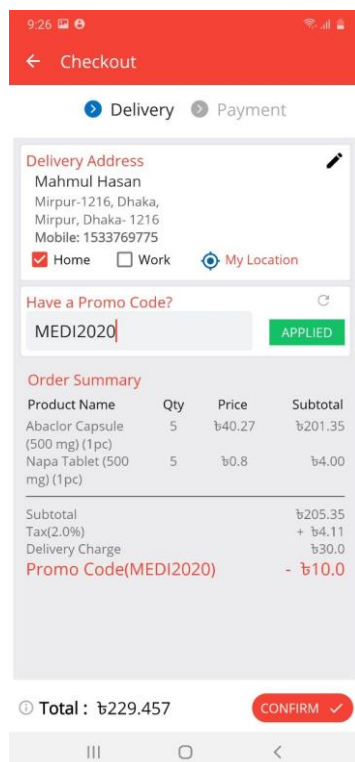
Reset Password Confirmation



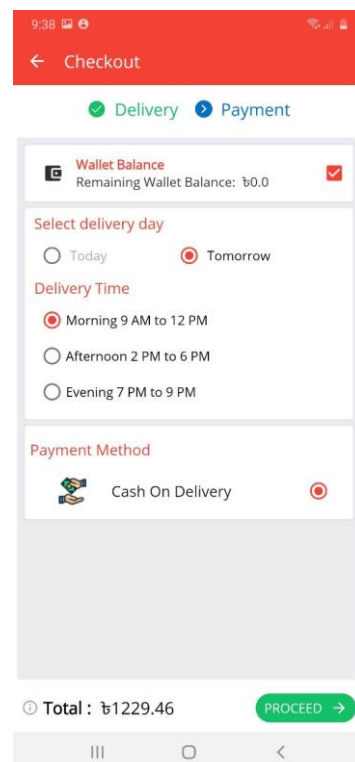
Reset Password Successfully



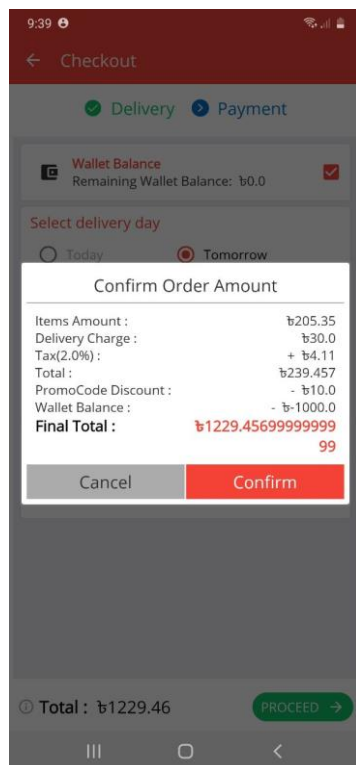
Upload Prescription



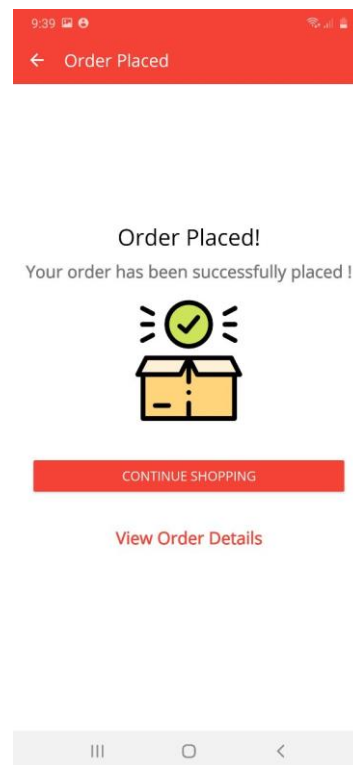
Delivery Details



Payment Details



Confirm Order & Amount



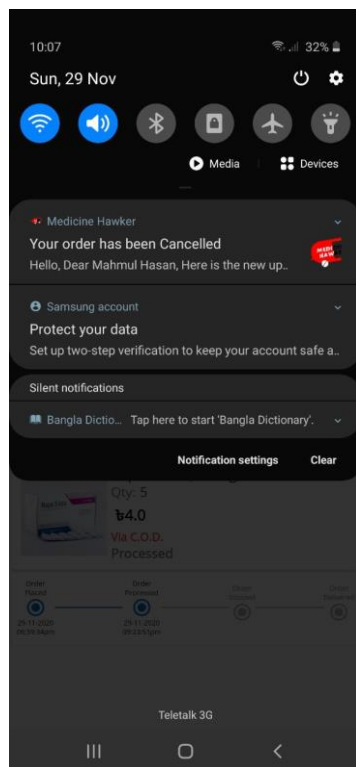
Order Placed



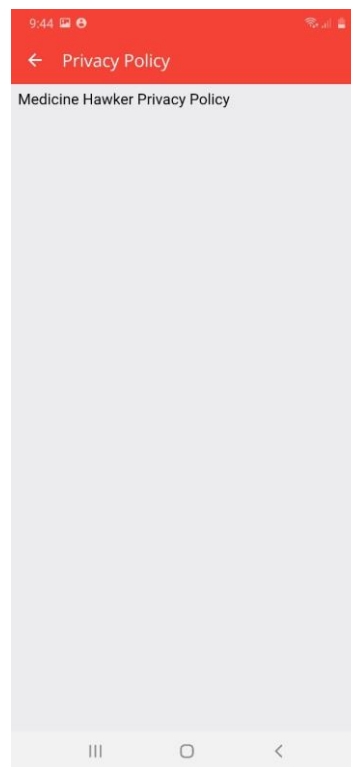
Track Order



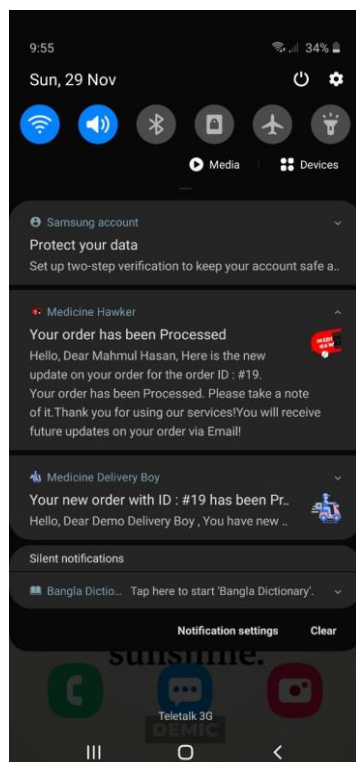
Order Cancellation



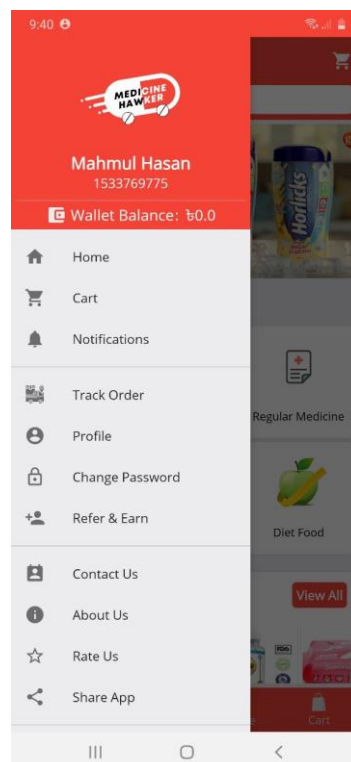
Order Cancellation Notification



Privacy Policy



Notification



Menu Bar



9:41

← Profile

Name
Mahmul Hasan

Email
mahmudulhasan3208@gmail.com

Mobile No(without zero)
1533769775

Select City
Dhaka

Select Area
Mirpur

Address
Mirpur-1216, Dhaka


PinCode
1216

Location : Dhokhina Abason Rd, Dhaka, Bangladesh



Update Your Location

Profile



9:42

←

Change Password

Old Password
•••••

New Password
•••••



CHANGE PASSWORD

Change Password

9:42

← Invite friends

Refer a friend and earn upto 10% when your friend's first order is successfully delivered. Minimum Order amount should be b100, which allows you to earn upto b30.

Refer & Earn

Your Referral Code

P1Z63JFCUL

Tap To Copy

REFER NOW

Invite Friends

9:42

← Contact Us

Medicine Hawker

For any kind of queries related to products, orders or services feel free to contact us on our official email address or phone number as given below :

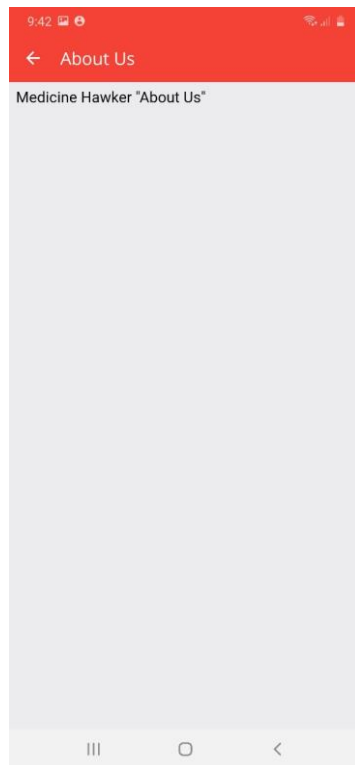
Areas we deliver :

Delivery Timings :

- 8:00 AM To 10:30 AM
- 10:30 AM To 12:30 PM
- 4:00 PM To 7:00 PM

Note : You can order for maximum 2days in advance. i.e., Today & Tomorrow only.

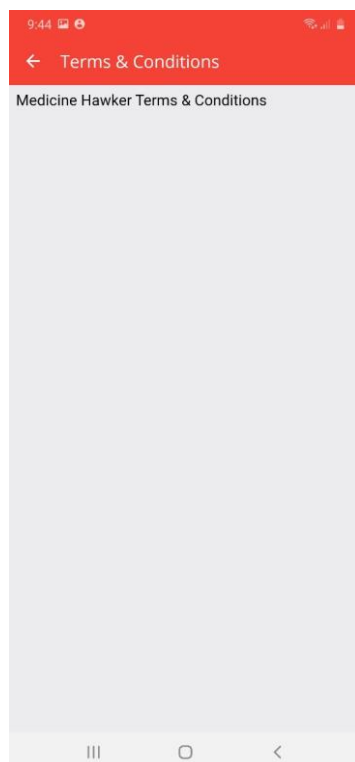
Contact Us



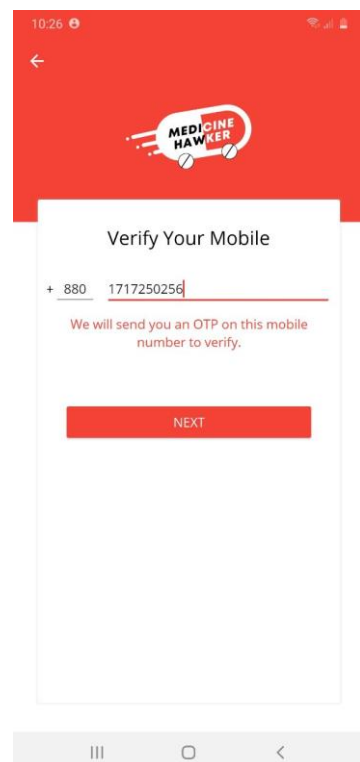
About Us



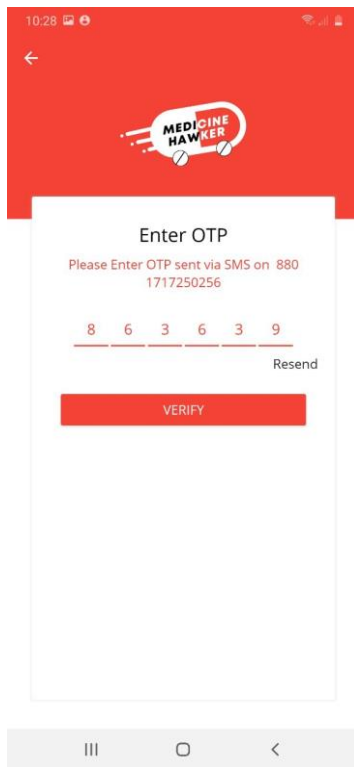
FAQ



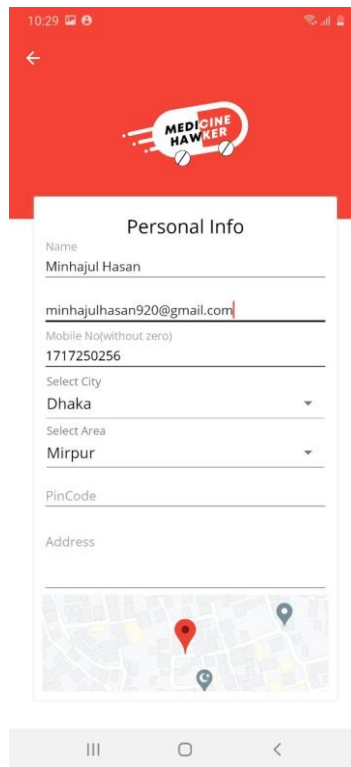
Terms & Conditions



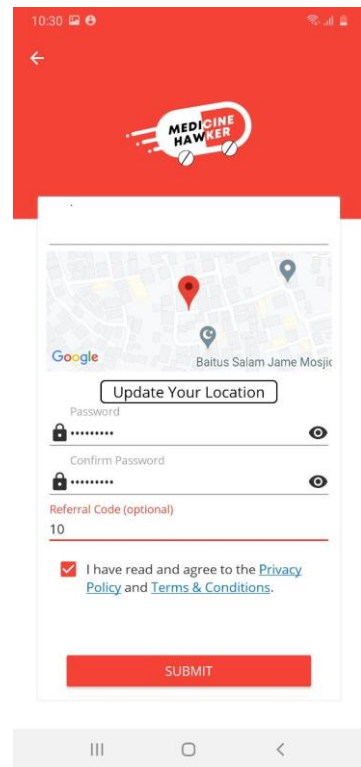
Number Verification for Sign UP



Enter OTP for Sign UP



Personal Info View 1



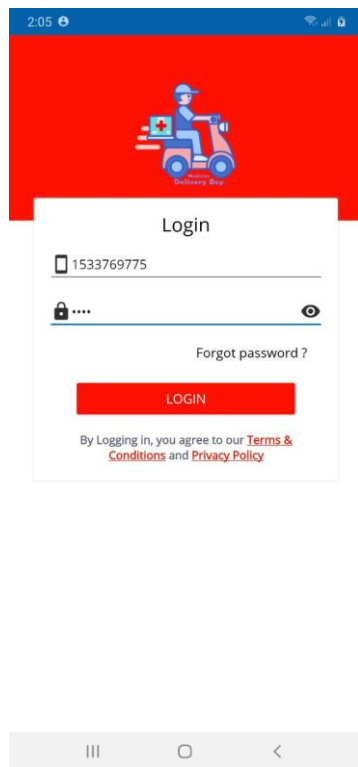
Personal Info View 2

4.5.2 Heart Rate Measurement Module:

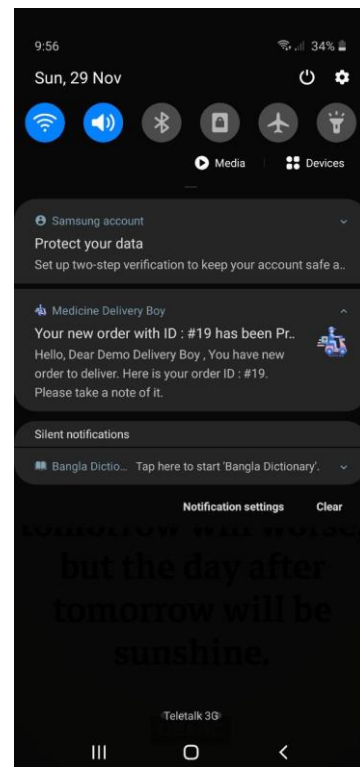


Heart Rate Measurement Screen

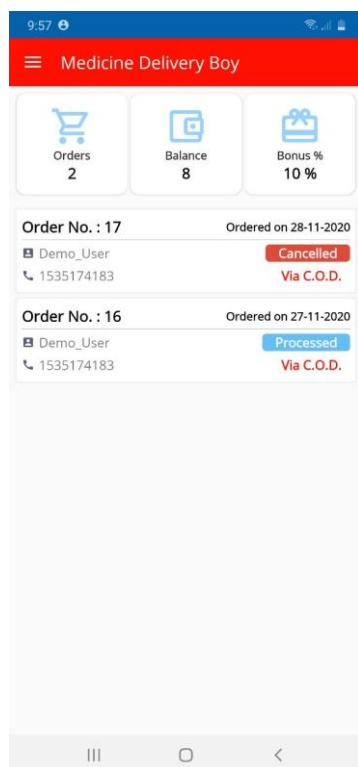
4.6 Screenshots of the Application (Delivery Boy)



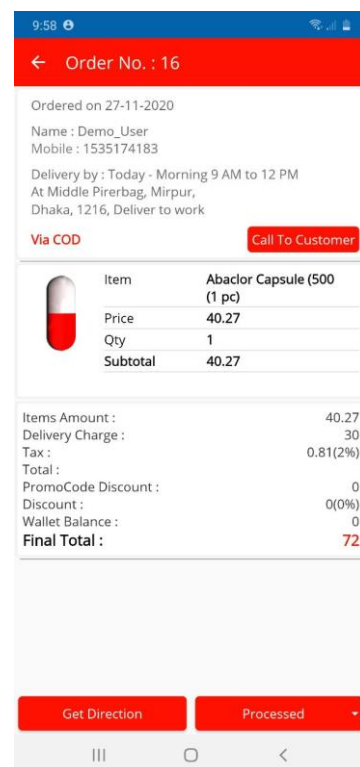
Log in



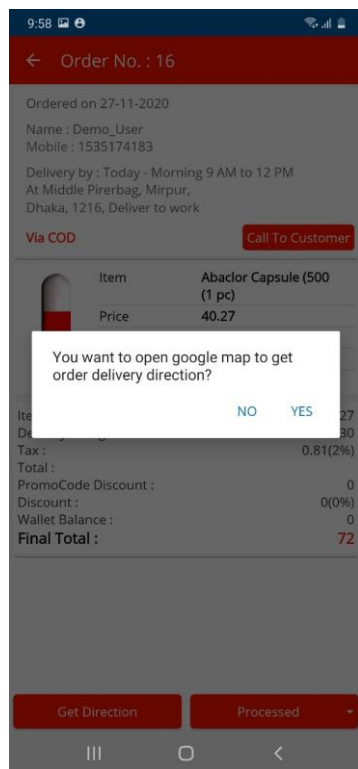
Notification



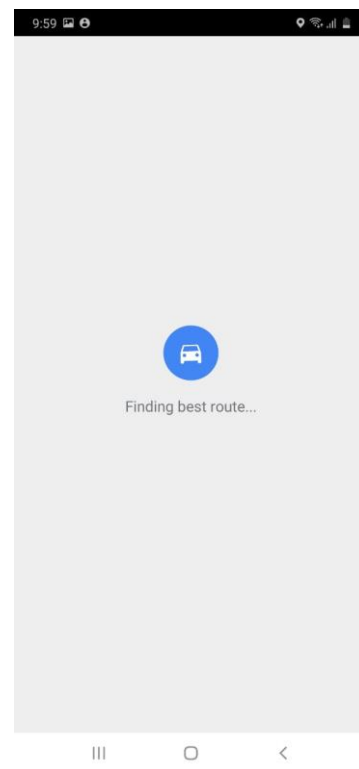
Home



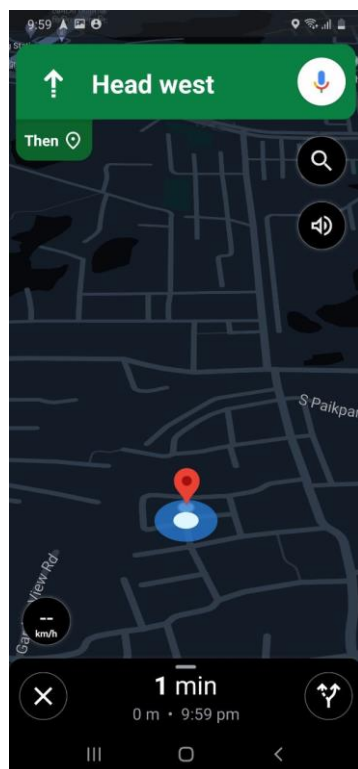
Order Details



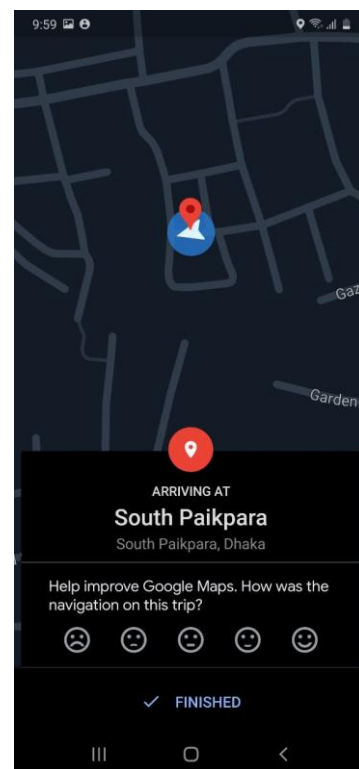
Get Direction



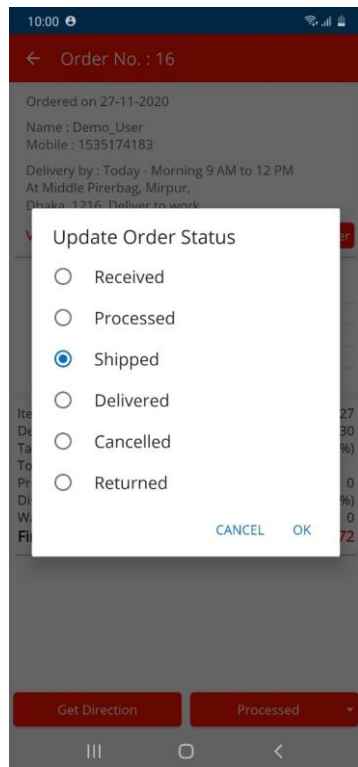
Find Best Route



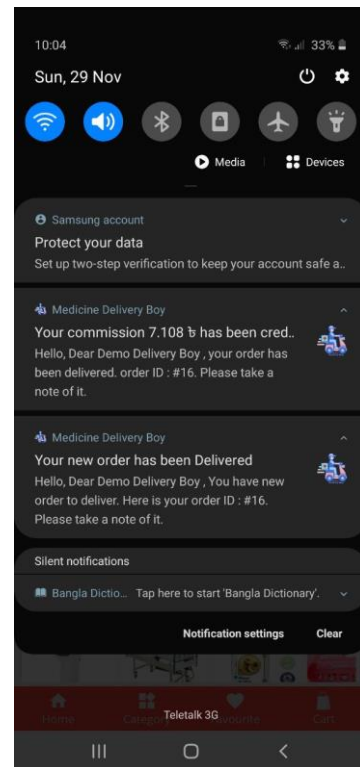
Google Map View 1



Google Map View 2

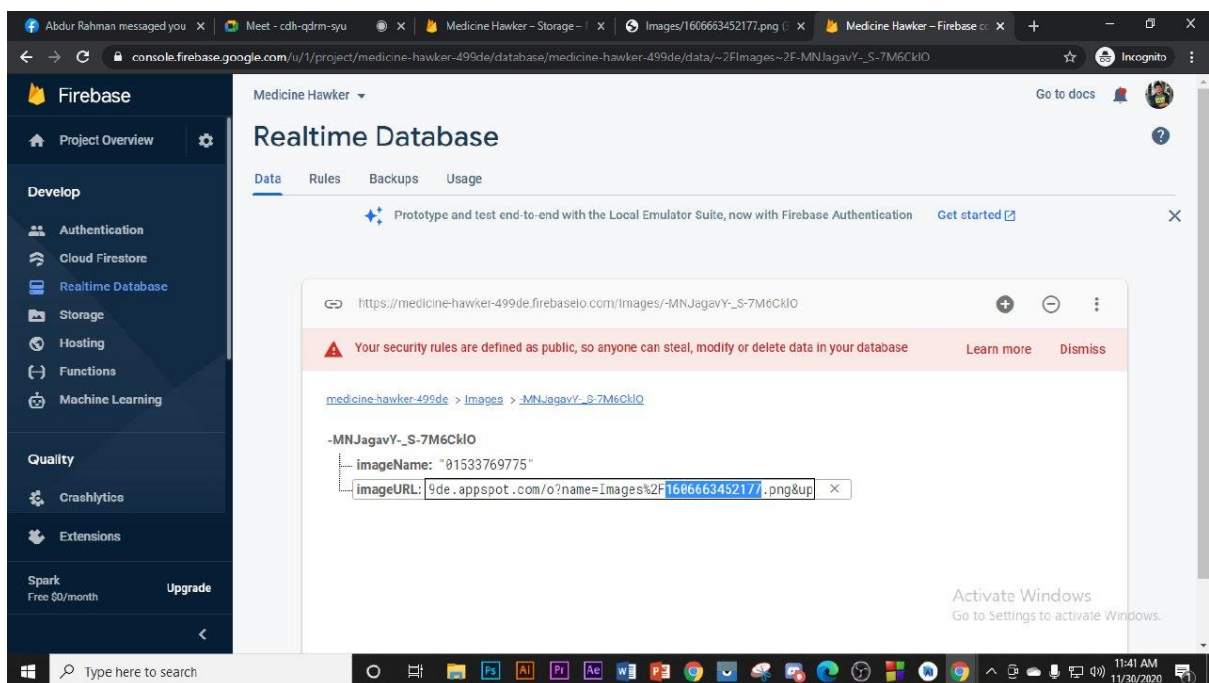


Update Order Status

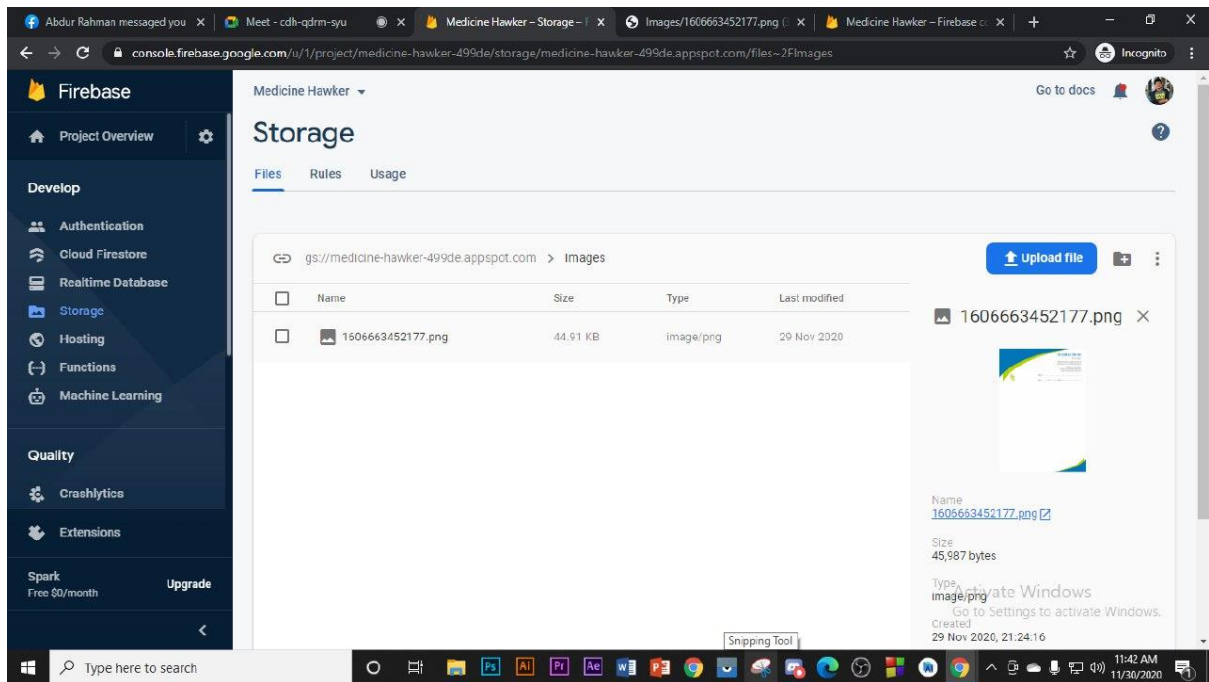


Delivered Notification

4.7 Screenshots of Firebase



Receive Prescription from User View 1

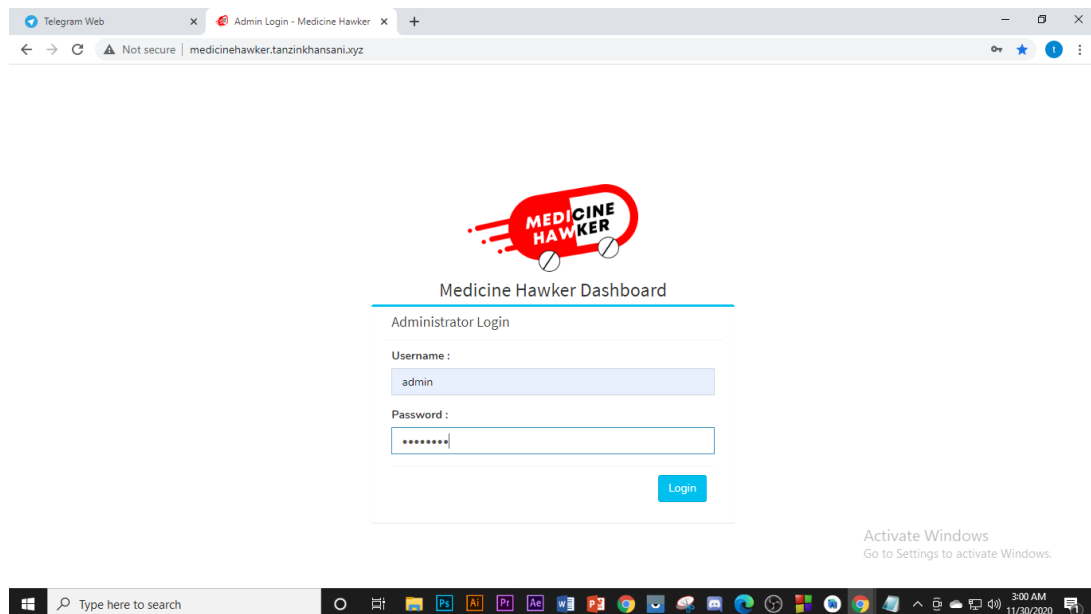


Receive Prescription from User View 2

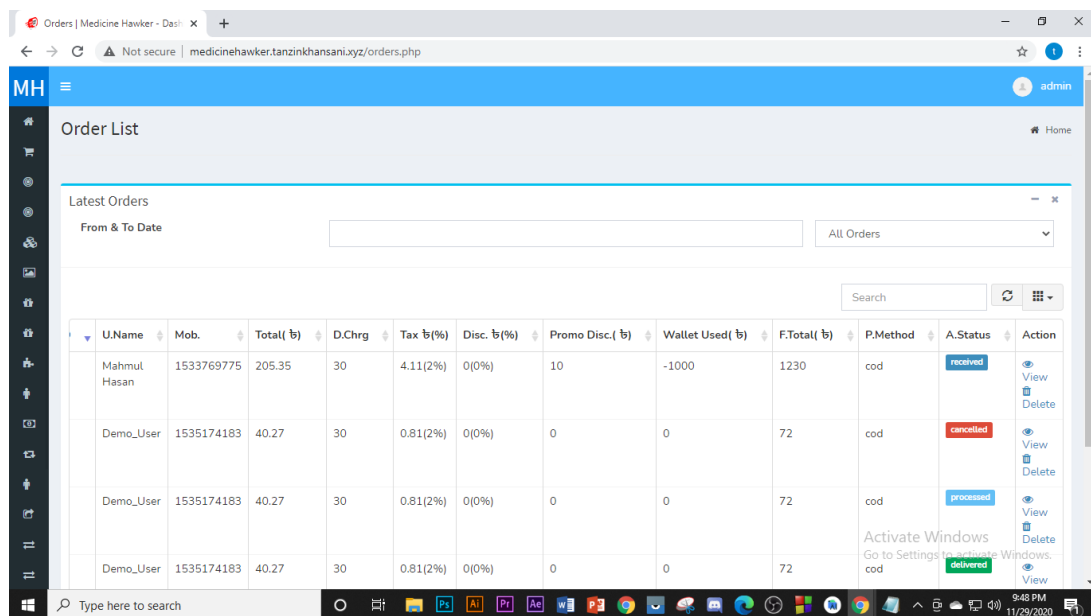


Receive Prescription from User View 3

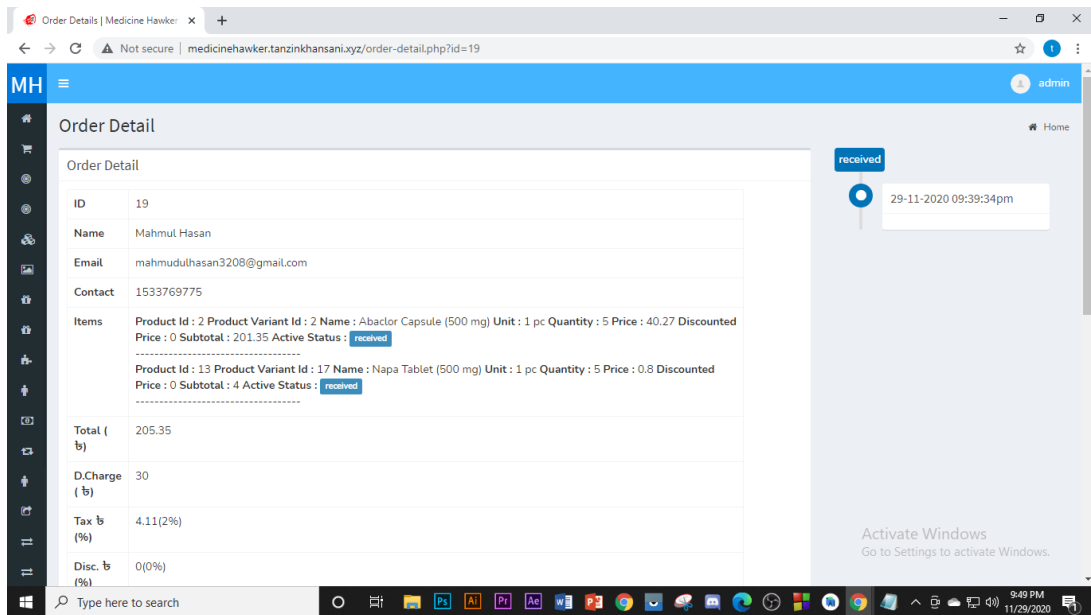
4.8 Screenshot of Medicine Hawker Dashboard (Admin Panel)



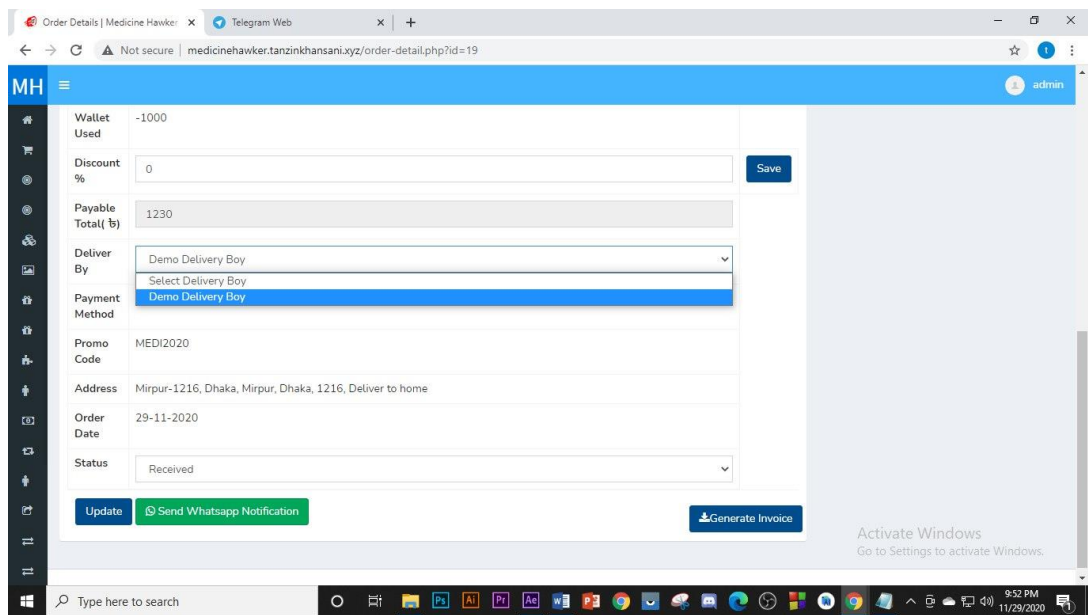
Log In



Order List



Order Details View 01



Order Details View 02

Order Details | Medicine Hawker x Telegram Web x +

Not secure | medicinehawker.tanzinkhansani.xyz/order-detail.php?id=19

MH

admin

Wallet Used: -1000

Discount %: 0

Payable Total (₹): 1230

Deliver By: Demo Delivery Boy

Payment Method: cod

Promo Code: MEDI2020

Address: Mirpur-1216, Dhaka, Mirpur, Dhaka, 1216, Deliver to home

Order Date: 29-11-2020

Status: Received

Update

Generate Invoice

Activate Windows
Go to Settings to activate Windows.

Type here to search

9:32 PM 11/29/2020

Order Details View 03

Invoice Report Medicine Hawker x Telegram Web x +

Not secure | medicinehawker.tanzinkhansani.xyz/invoice.php?id=19

MH

admin

Invoice / Home

Medicine Hawker Mo. +880 1535174183

From: Medicine Hawker
Email: threebigo2016@gmail.com
Customer Care : +880 1535174183
Delivery By:

To: Mahmud Hasan
Mirpur-1216, Dhaka, Mirpur, Dhaka, 1216, Deliver to home
1533769775
mahmudulhasan3208@gmail.com

Retail Invoice
No: #4
Date: 29-11-2020
Order ID: #19
Date: 29-11-2020 09:39 PM

Sr No.	Product Code	Name	Unit	Qty	SubTotal (₹)
1	2	Abaclor Capsule (500 mg)	1 pc	5	201.35
2	13	Napa Tablet (500 mg)	1 pc	5	4
Total				10	205.35

Total Order Price (₹) + 205.35
Delivery Charge (₹) + 30
Tax (₹) + 4.11 (2%)
Discount (₹) - 0 (0%)
Promo (MEDI2020) Discount (₹) - 10
Wallet Used (₹) - 1000
Final Total (₹) = 1230

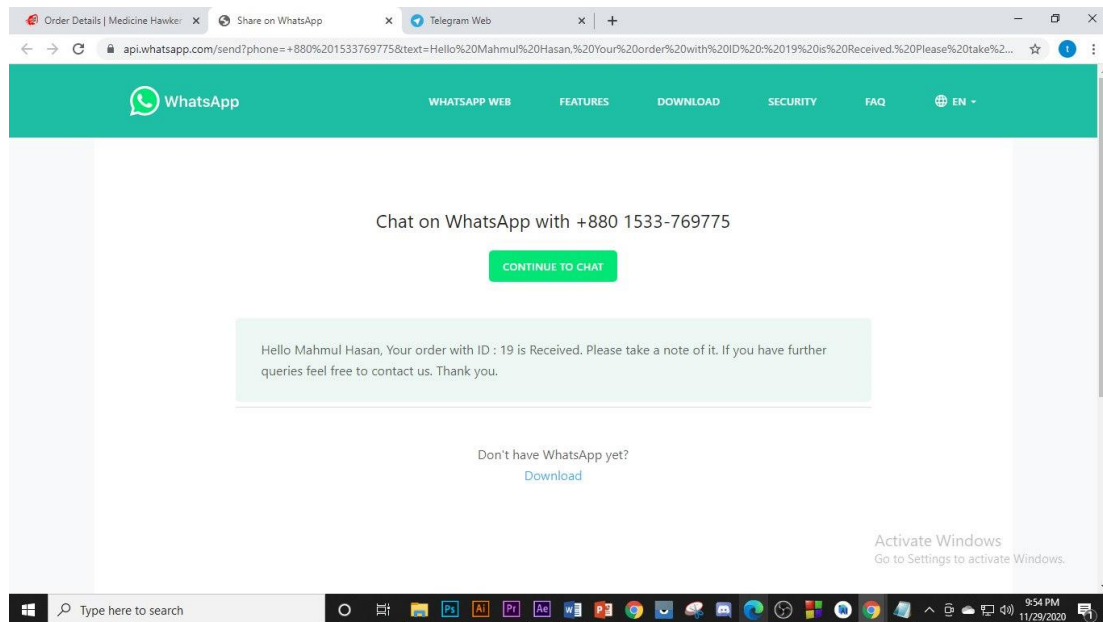
Print

Activate Windows
Go to Settings to activate Windows.

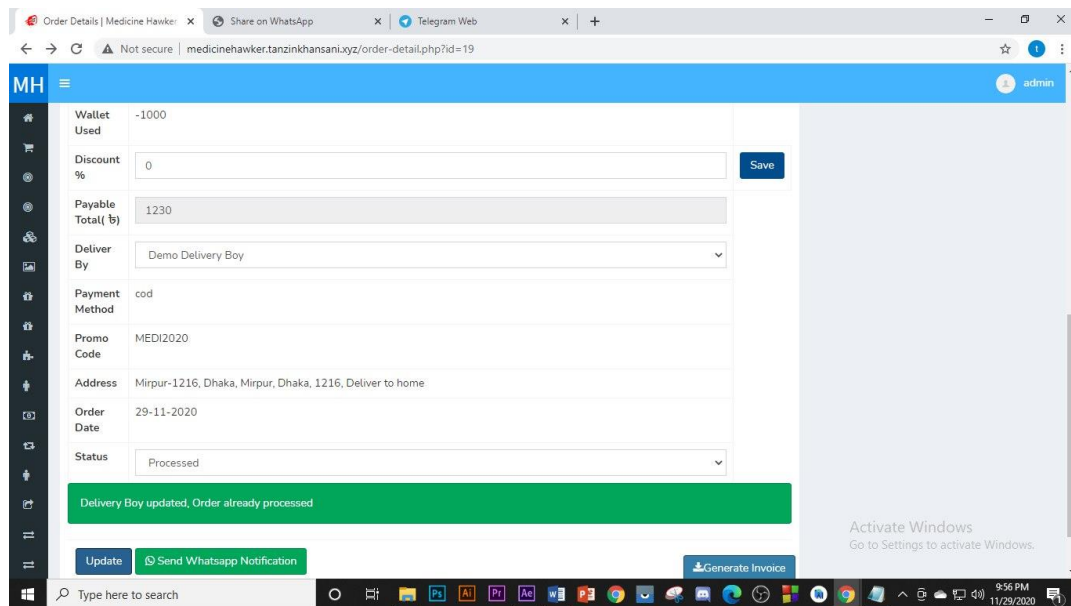
Type here to search

9:33 PM 11/29/2020

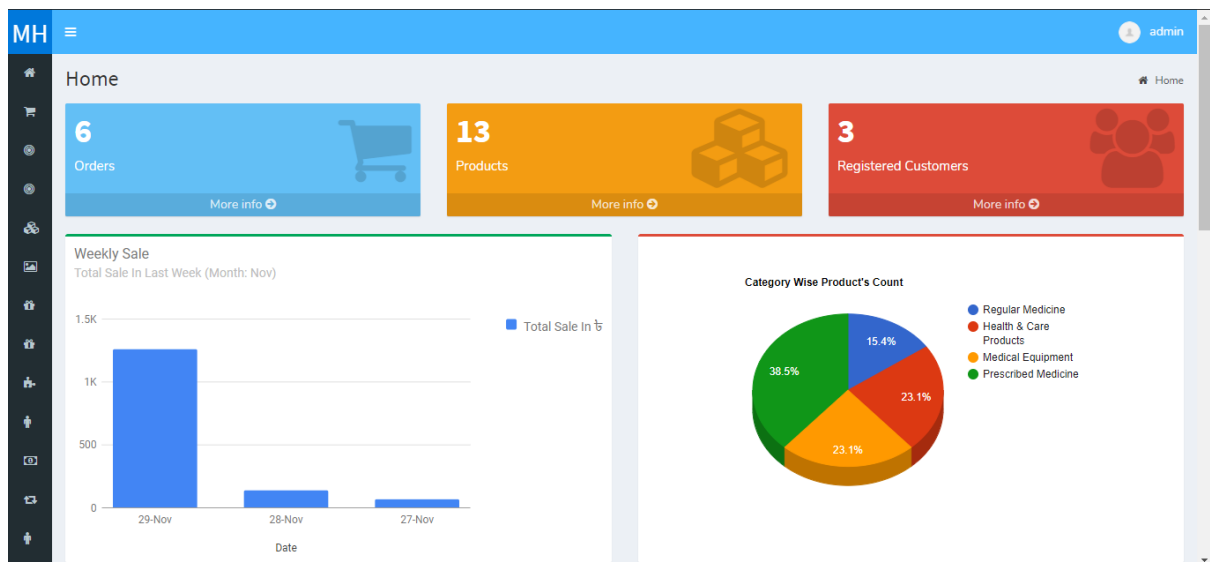
Invoice



WhatsApp (Continue to chat)



Order Details View 04



Home

Categories / Home [Add New Category](#)

Search [Refresh](#) [Grid](#)

ID	Name	Subtitle	Image	Action
16	Diet Food	Diet Food		View Subcategories Edit Delete
15	Gym Equipment	Gym Equipment		View Subcategories Edit Delete
14	Prescribed Medicine	Prescribed Medicine		View Subcategories Edit Delete
13	Regular Medicine	Regular Medicine		View Subcategories Edit Delete
12	Medical Equipment	Medical Equipment		View Subcategories Edit Delete

Add Category

MH







admin

Sub Categories / Home

Add New Sub Category

Sub Categories

Search

ID	Name	Main Category	Subtitle	Image	Action
14	Most Popular	Regular Medicine	Most Popular		View Products Edit Delete
13	Child	Health & Care Products	Child		View Products Edit Delete
12	Female	Health & Care Products	Female		View Products Edit Delete
11	Male	Health & Care Products	Male		View Products Edit Delete
10	Hospital Medical Equipment	Medical Equipment	Hospital Medical Equipment		View Products Edit Delete
9	Home Medical Equipment	Medical Equipment	Home Medical Equipment		View Products Edit Delete

Add Sub Category

MH

admin

Add Product

Home

Add Product

Products Name

Type

☒ Packet
 ☐ Loose

Measurement

Unit: kg

Price (₺):

Discounted Price(₺):

Stock:

Unit: kg

Status: Available

Variation






Category :

--Select Category--







Sub Category :

--Select Main Category--

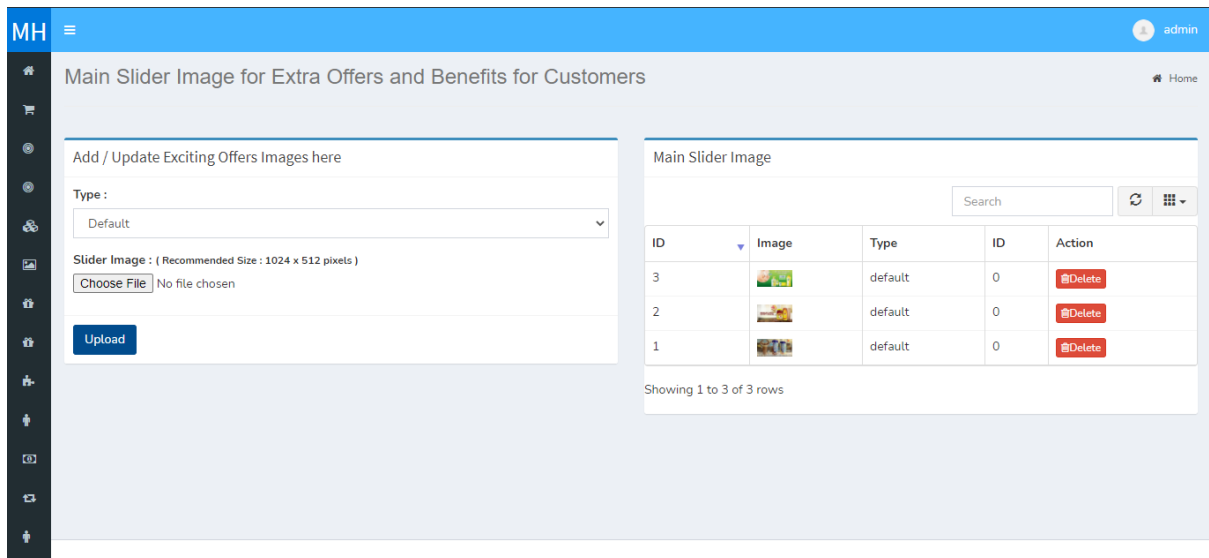
Add Product

Products / Home							
<div> <div>Filter by Products Category</div> <div>All Products</div> </div> <div> <div>Search</div> <div> <div></div> <div></div> <div></div> </div> </div>							
ID	Name	Image	Price	Measurement (Kg, gm, Ltr)	Stock	Availability	Action
14	SMC ORSaline N		₹ 100	1 pack	0	Sold Out	View Edit Delete
14	SMC ORSaline N		₹ 5	1 pc	0	Sold Out	View Edit Delete
13	Napa Tablet (500 mg)		₹ 80.04	1 pack	95	Available	View Edit Delete
13	Napa Tablet (500 mg)		₹ 0.8	1 pc	95	Available	View Edit Delete
12	Senora Confidence Panty System Sanitary Napkins		₹ 106	10 pc	100	Available	View Edit Delete

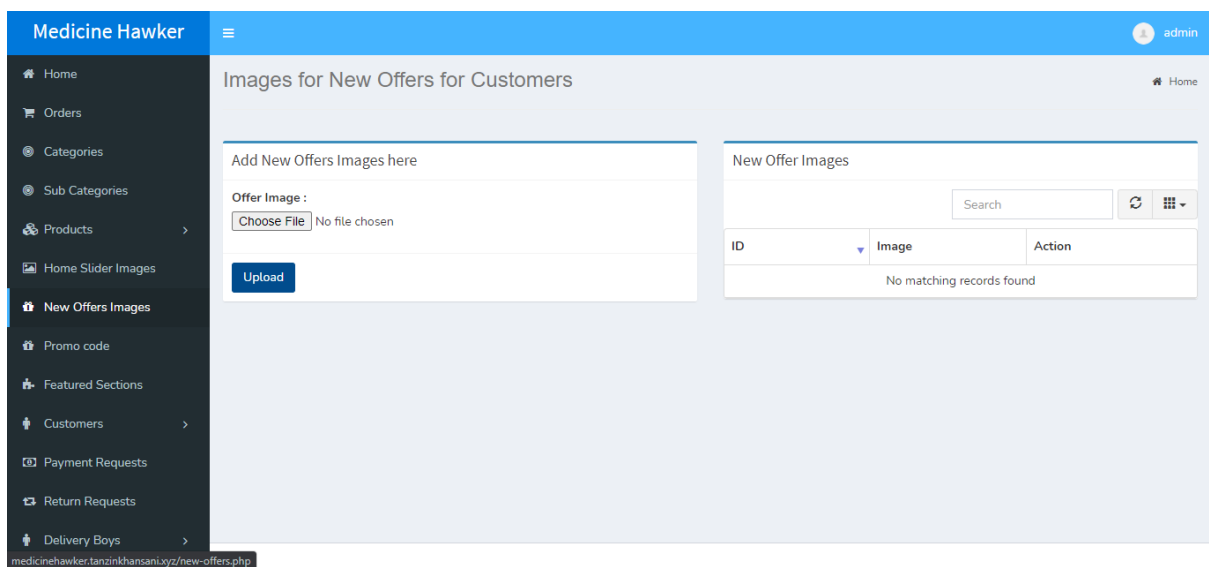
Manage Product

Medicine Hawker	
<div> <div>Home</div> <div>Orders</div> <div>Categories</div> <div>Sub Categories</div> <div>Products</div> <div>Home Slider Images</div> <div>New Offers Images</div> <div>Promo code</div> <div>Featured Sections</div> <div>Customers</div> <div>Payment Requests</div> <div>Return Requests</div> <div>Delivery Boys</div> </div>	<div>Products Order</div> <div> <div>Category</div> <div>All</div> </div> <div> <div>Sub Category</div> <div>All</div> </div> <div>search</div> <div> <div>1.  Abactor Capsule (500 mg)</div> <div>2.  A-B1 (100 mg)</div> <div>3.  Aclosol (Cream)</div> <div>4.  Aclovix (100mg)</div> <div>5.  Alken (Oral Solution)</div> <div>6.  Smart Non-Contact Infrared Thermometer</div> </div>

Products Order



Home Slider Image



New Offer Image

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Payment Requests

Return Requests

Delivery Boys

Promo Codes / Home

Manage Promo Code

Promo Code

Message

Start Date

End Date

No. Of Users

Minimum Order Amount

Discount

Discount Type

Max Discount Amount

Repeat Usage

Status

Promo Codes View 1

MH

admin

Select

Add Clear

Promo Codes

Search

ID

Promo Code

Message

Start Date

End Date

No Of Users

Minimum Order Amount

Discount

Discount Type

Status

Date Created

Action

1

MEDI/2020

Use "MEDI/2020" promo code to get a discount from 5% to 10%

2020-11-29

2021-03-01

200

20

5

percentage

Active

29-11-2020 08:48:42pm

Promo Codes View 2

55

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Payment Requests

Return Requests

Delivery Boys

Featured Section to show products exclusively

Create / Manage featured products section

Title for section

Ex : Featured Products / Products on Sale

Short Description

Ex : Weekends deal goes here

Section Style

Style 1

Product IDs (Ex : 100,205, 360)

type in product name to search

CreateReset

Featured Sections of App

Search

ID	Title	Short Description	Style	Product IDs	Action
3	New Arrival	Recent All Products Goes Here	style_1	12,10,9,7	
2	Prescribed Medicine	Order Medicine with Prescription	style_1	6,4,3,2	
1	Regular Medicine	Order Medicine without Prescription.	style_3	14,13	

Showing 1 to 3 of 3 rows

Featured Section

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Customers

Manage Customer Wallet

Payment Requests

Customers List

Customers

Search

ID	Name	Email	M.No	Balance	Friends code	Street	Area	City	Status	Date & Time
3	Demo_User	minhajulhasan920@gmail.com	1535174183	0	-	Middle Pirerbag	Mirpur	Dhaka	1	2020-11-10 06:05:00
2	Shifa	jxjf@gmail.com	1726283351	0	-	jfjf	Mirpur	Dhaka	1	2020-10-01 19:44:39
1	Mahmul Hasan	mahmudulhasan3208@gmail.com	1533769775	-1000	-	Mirpur-1216, Dhaka	Mirpur	Dhaka	1	2020-10-01 01:56:09

Showing 1 to 3 of 3 rows

Customer List

56

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Customers

Manage Customer Wallet

Payment Requests

Manage Customer Wallet / Home

Customer

Select Type

Amount

Message

Add

Clear

Customers

Search

ID	Name	Balance
1	Mahmul Hasan	-1000
2	Shifa	0
3	Demo_User	0

Showing 1 to 3 of 3 rows

Manage Customer Wallet

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Payment Requests

Return Requests

Delivery Boys

Payment Requests / Home

Payment Requests

Search

ID	User ID	Payment Type	Payment Address	Amount Requested	Remarks	Name	Email	Status	Date	Action
No matching records found										

Payment Request

Medicine Hawker

admin

Home

Orders

Categories

Sub Categories

Products

Home Slider Images

New Offers Images

Promo code

Featured Sections

Customers

Payment Requests

Return Requests

Delivery Boys

Return Requests / Home

Return Requests

ID	U.ID	U.Name	Product Name	Price	Discounted Price	Quantity	Total	Status	Date	Action
No matching records found										

medicinehawker.tanzimkhansani.xyz/return-requests.php

Return Request

Medicine Hawker

admin

New Offers Images

Promo code

Featured Sections

Customers

Payment Requests

Return Requests

Delivery Boys

Manage Delivery Boys

Fund Transfers

Send notification

Transaction

Wallet Transactions

System

Delivery Boys / Home

Add Delivery Boy

Name

Mobile

Password

Confirm Password

Address

Bonus (%)

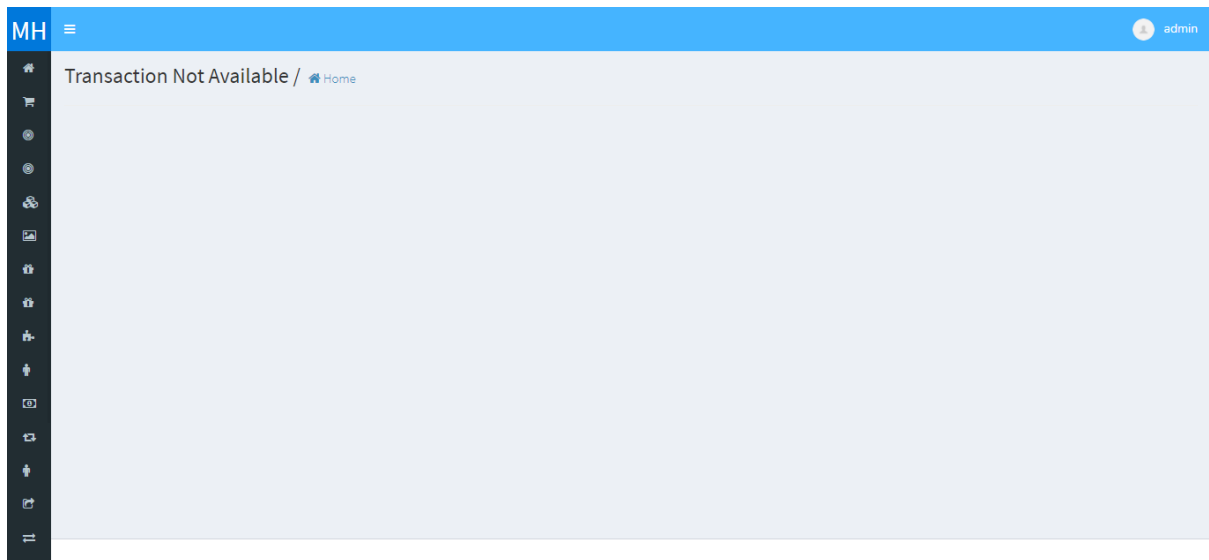
Delivery Boys

ID	Name	Mobile	Address	Bonus(%)	Balance
4	Demo Delivery Boy	1533769775	Mirpur, Dhaka-1216	10	15

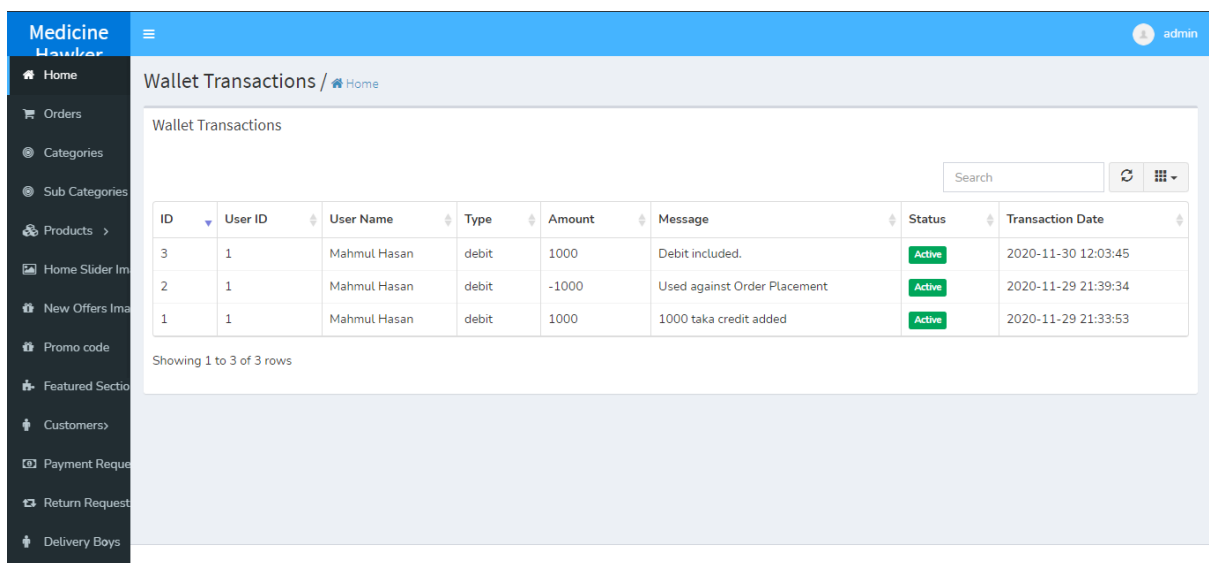
Showing 1 to 1 of 1 rows

medicinehawker.tanzimkhansani.xyz/delivery-boys.php

Manage Delivery Boy



Transaction



Wallet Transaction

MH

admin

Update System Settings

App Name:

Medicine Hawker

Support Number:

1535174183


Support Email:

threebigo2016@gmail.com

Logo:

Choose File

No file chosen



Menu

Home

Payment Gateways & Methods Settings

Payment Methods Settings

Paypal Payments

Paypal Payments [Enable / Disable]

Payment Mode [sandbox / live]

Sandbox (Testing)

Paypal Business Email

sumitrai1800@gmail.com

PayUMoney Payments

PayUMoney Payments [Enable / Disable]

MH

admin

Time Slots / Home

Add Time Slot

Title

Morning 9AM to 12PM

From Time

09:00:00

To Time

12:00:00

Last Order Time

11:00:00

Status

Select

Add

Clear

Time Slots

Search

ID

Title

From Time

To Time

Last Order Time

Status

Action

Time Slot

MH

admin

Notification Settings

Home

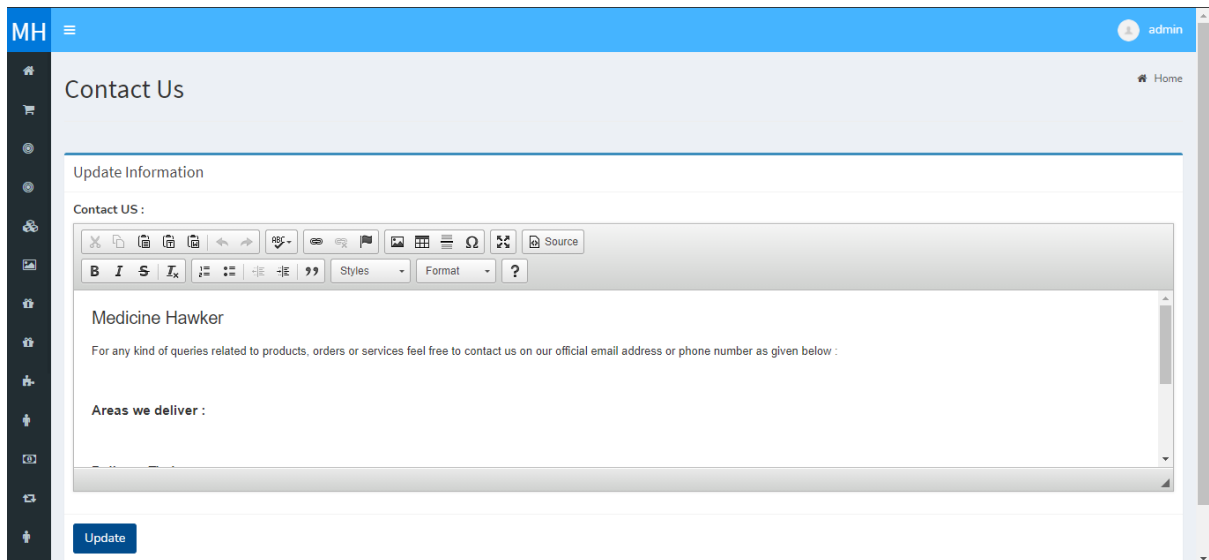
Update Notification Settings

FCM Server Key :

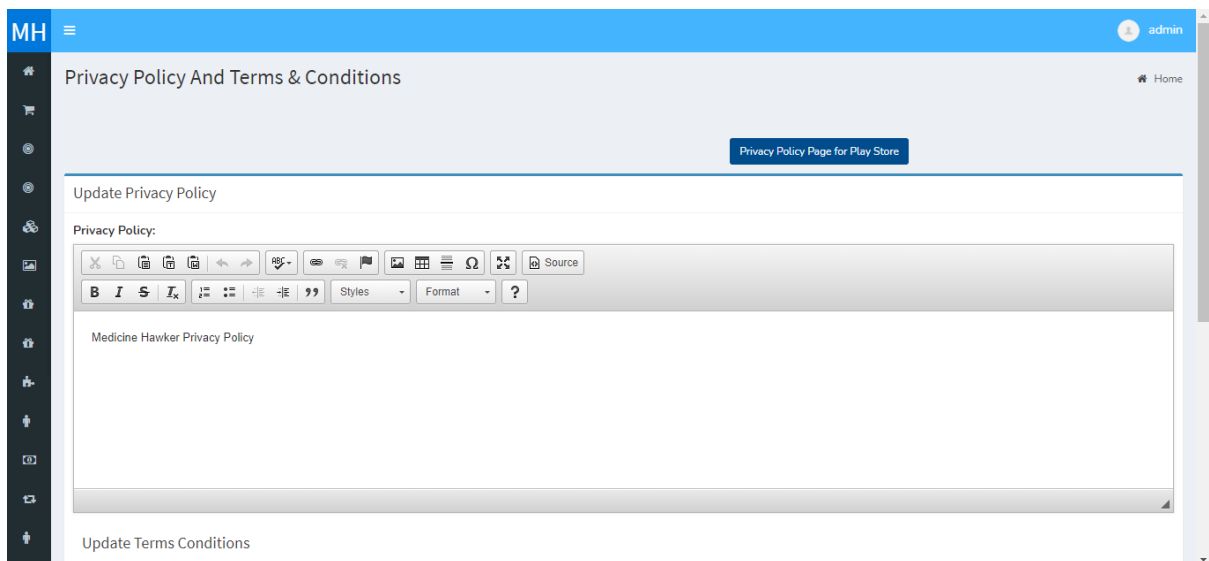
AAAAysHLV1M:APA91bEW3pOuCUXUDYVLcYmmkES3Ju4pjKLuk0595X4gtWa9Zi4q3lq-Qw7pdrC75wEYvslcXnt7Xrlq3QtG2DV65yF5s9pbCniZAJPrHK0IS4pNNnwNMDf_W4LklojiAluHDg8kS

Update

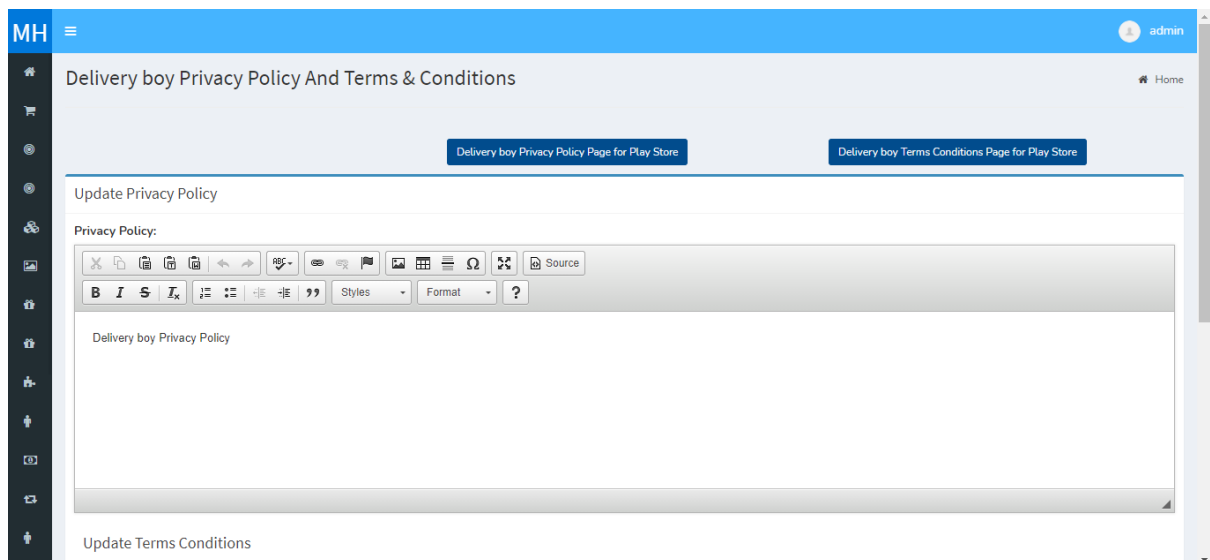
Notification Settings



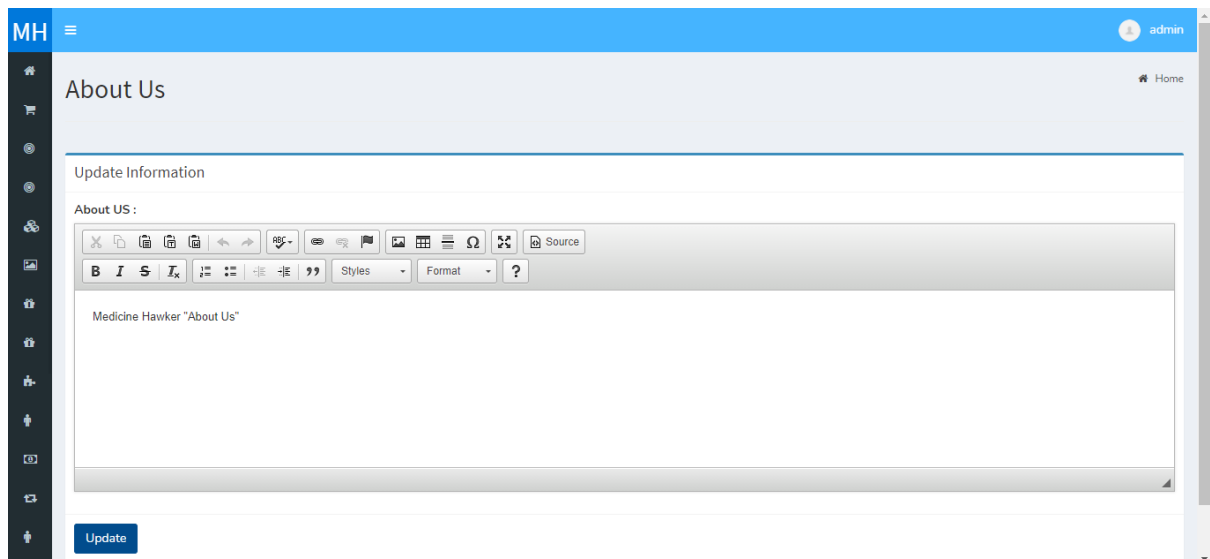
Contact Us



Privacy Policy



Delivery boy Privacy Policy and Terms & Conditions



About Us

Med

admin

Cities

Add New City

Cities

Search

No.	Name	Action
1	Dhaka	View Areas Edit Delete

Total : 1

1

Location

MH

admin

Sales reports

Home

From & To Date

Search

Refresh

Grid

Order ID	User Name	Mob.	Address	Final Total(b)	Date
21	Demo_User	1535174183	Middle Pিরerbag, Mirpur, Dhaka, 1216, Deliver to home	112.15	30-11-2020
20	Mahmul Hasan	1533769775	Mirpur-1216, Dhaka, Mirpur, Dhaka, 1216, Deliver to home	34.08	29-11-2020
19	Mahmul Hasan	1533769775	Mirpur-1216, Dhaka, Mirpur, Dhaka, 1216, Deliver to home	1229.46	29-11-2020
17	Demo_User	1535174183	Middle Pিরerbag, Mirpur, Dhaka, 1216, Deliver to home	71.08	28-11-2020
16	Demo_User	1535174183	Middle Pিরerbag, Mirpur, Dhaka, 1216, Deliver to work	71.08	28-11-2020
15	Demo_User	1535174183	Middle Pিরerbag, Mirpur, Dhaka, 1216, Deliver to home	71.08	27-11-2020

Showing 1 to 6 of 6 rows

10 rows per page

Sales Report

MH

admin

Create admin or editor / Home

Add Admin / Editor

Username

Email

Password

Confirm Password

Role

---Select---

Add

Clear

Module/Permissions	Create	Read	Update	Delete
Orders	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Categories	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Subcategories	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Products	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Products Order	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
Home Slider Images	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
New Offer Images	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Promo Codes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Featured Section	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Customers	-	<input checked="" type="checkbox"/>	-	-

System User

MH

admin

Administrator

Home

Edit Administrator details

If you change username or password you will need to login again.

Username :

admin

Email :

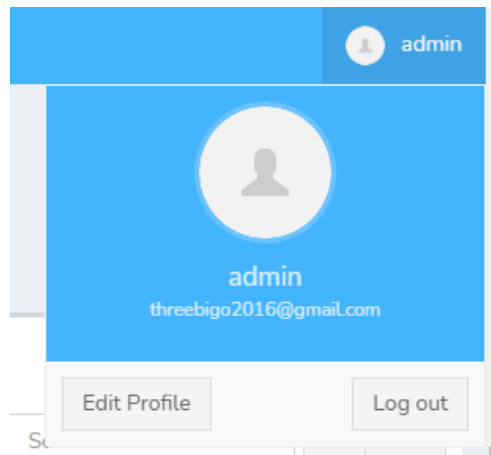
threebigo2016@gmail.com

Current Password :

New Password :


Re Type New Password :

Edit Profile



Log Out

4.9 Delivery Boy Dashboard



Delivery Boy Dashboard

Delivery Boy Login

Mobile :

Password :

Login

Log in

MH

Home

Demo Delivery Boy

4
Orders

14.216
Balance

10
Bonus%

Latest Orders

All Orders

Search

Refresh

Grid

O.ID	U.Name	Mob.	Total(₳)	D.Chrg	Tax ₳(%)	Disc. ₳(%)	Promo Disc.(₳)	Wallet Used(₳)	F.Total(₳)	P.Method	A.Status	Ac
21	Demo_User	1535174183	80.54	30	1.61(2%)	0(0%)	0	0	113	cod	cancelled	View Delete
19	Mahmul Hasan	1533769775	205.35	30	4.11(2%)	0(0%)	10	-1000	1230	cod	processed	View Delete

Home

MH

Order List

MH ☰ Demo Delivery Boy										
Fund Transfers / Home										
Fund Transfers										
<div>Search</div> <div> ↺ ⌵ </div>										
ID	Delivery Boy ID	Name	Mobile	Address	Opening Balance	Closing Balance	Message	Status	Date Created	
6	4	Demo Delivery Boy	1533769775	Mirpur, Dhaka-1216	14.216	21.324	Order Delivery Boy Commission.	SUCCESS	2020-11-29 22:02:51	
5	4	Demo Delivery Boy	1533769775	Mirpur, Dhaka-1216	7.108	14.216	Order Delivery Boy Commission.	SUCCESS	2020-11-28 19:28:18	
Showing 1 to 2 of 2 rows										

Fund Transfer

MH

Demo Delivery Boy

Delivery Boy

Home

Edit Delivery Boy details

Name :

Demo Delivery Boy

Mobile :

1533769775

Address

Mirpur, Dhaka-1216

Old Password : (Leave it blank for no change)

New Password :

Edit Profile

Demo Delivery Boy

Demo Delivery Boy

Edit Profile

Log out

Log out

CHAPTER 5

CONCLUSION & FUTURE OUTCOME

5.1 Future Outcome

By means of our application people can get daily necessary medicines home delivery. Also, they can measure heart rate by means of this application. In future we will add some more features like medicines reminder, nearby medicines shops, most selling medicines in one area etc. By means of most selling medicines analysis we will determine the diseases occurring in that particular area. Also we will increase our database.

5.2 Conclusion

By means of our project we tried to make the medicine buying system easy and digital for all the people in our country. In this era most of the people are using smartphone and online shopping is becoming popular day by day. So we hope that our application “Medicine Hawker” will help everyone to buy medicines online and get home delivery. Also we added heart rate measure option in our application. For using this feature no need to download another app. We believe that people will be benefited and that will be our success.

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