

Flutter Application for Desktop, Android and iOS.

By Colt Coders (Jayesh, Harsh)

Documentations

Summary:

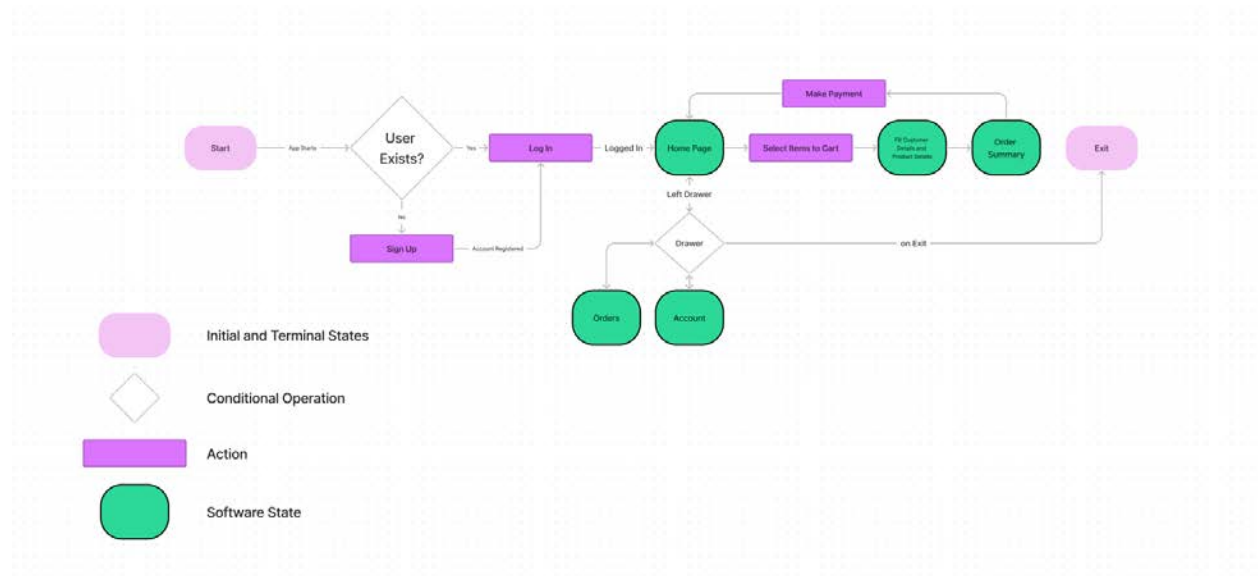
To get ease for payment process we made this Cross Platform Software 'Mi Payments'. This Software is for Store Venders to make every transaction easy to make and easy to maintain. This software is developed using Dart language and Flutter framework. Software UI is easy to navigate and easy to access all the contains. Software contains three major sections to make transactions. And has drawer to navigate from one page to another.

Software is made for Desktop/MacOS/Android/iOS users. Software contains Select Items Page for select items and add card, similarly once items has been selected, they can proceed with continue button. Fill Details page contains the necessary fields which must be filled to proceed for payment. Once every field is filled, we can proceed by clicking on Proceed Button. Once you click on Proceed button, it will pop up a notification which indicates the purchase status and now you can go to Orders Section to see all previous Orders along with order details.

The Software is capable of work locally in a system. Software is not capable to give PDF invoice and Email, WhatsApp Payment Conformation message feature due to time constraints. Software is will not store all data locally, it will start as fresh installed software after every new window opens. Due to working with many different Machines with single codebase, it is possible to upgrade the Software with more details and efficiency.

Work Flow:

The work flow of Software is very simple and easy to understand.



Can Refer more about each Section in [Github](#) .

Language & Other Components Used:

Flutter, Dart, Kotlin, Objective C, Figma.

Installation:

Desktop: (Recommended to Use)

1. Get .exe file from Code/build/windows/runner/Release/mi_hackathon.exe.
2. Double click on it.

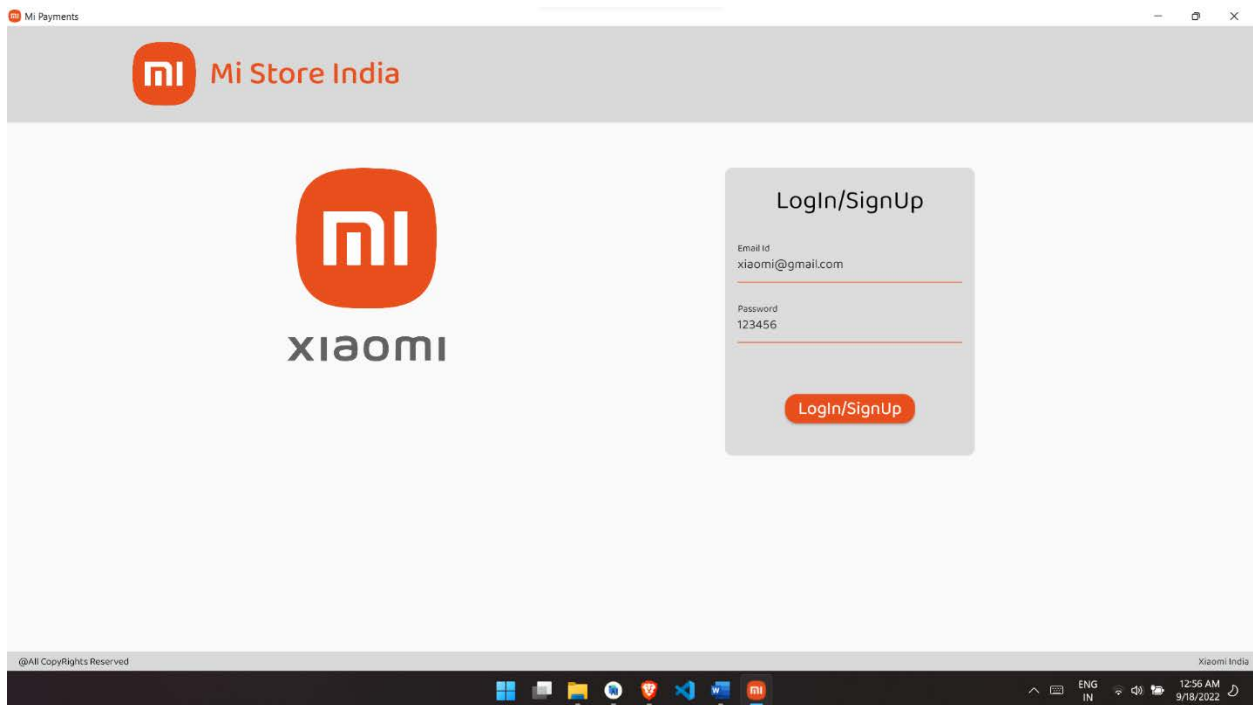
Name	Date modified	Type	Size
data	9/13/2022 1:19 AM	File folder	
desktop_window_plugin.dll	9/13/2022 1:19 AM	Application extens...	78 KB
flutter_windows.dll	7/14/2022 2:11 AM	Application extens...	14,388 KB
mi_hackathon	9/13/2022 1:19 AM	Application	45 KB

Android:

1. Get .apk file from installers/Android/ folder.
2. Get the apk file in any android device (must be Android 6.0 or more).
3. Tap on apk file and install it by pressing install button in dialog box.
4. After installation click on Open button to enter into app.

Working:

Login with email: xiaomi@gmail.com and password: 123456



If in case your provided email Id is not registered in system, then it automatically shifts to signup page

mi Mi Payments

mi Mi Store India

mi xiaomi

Login/SignUp

Email Id
jayesh@gmail.com

Password
123456

Login/SignUp

@All Copyrights Reserved

Xiaomi India

12:57 AM
9/18/2022

mi Mi Payments

mi Mi Store India

< Back

mi xiaomi

SignUp

Email Id
jayesh@gmail.com

Password
123456

Name

Store Name

POS Id

SignUp

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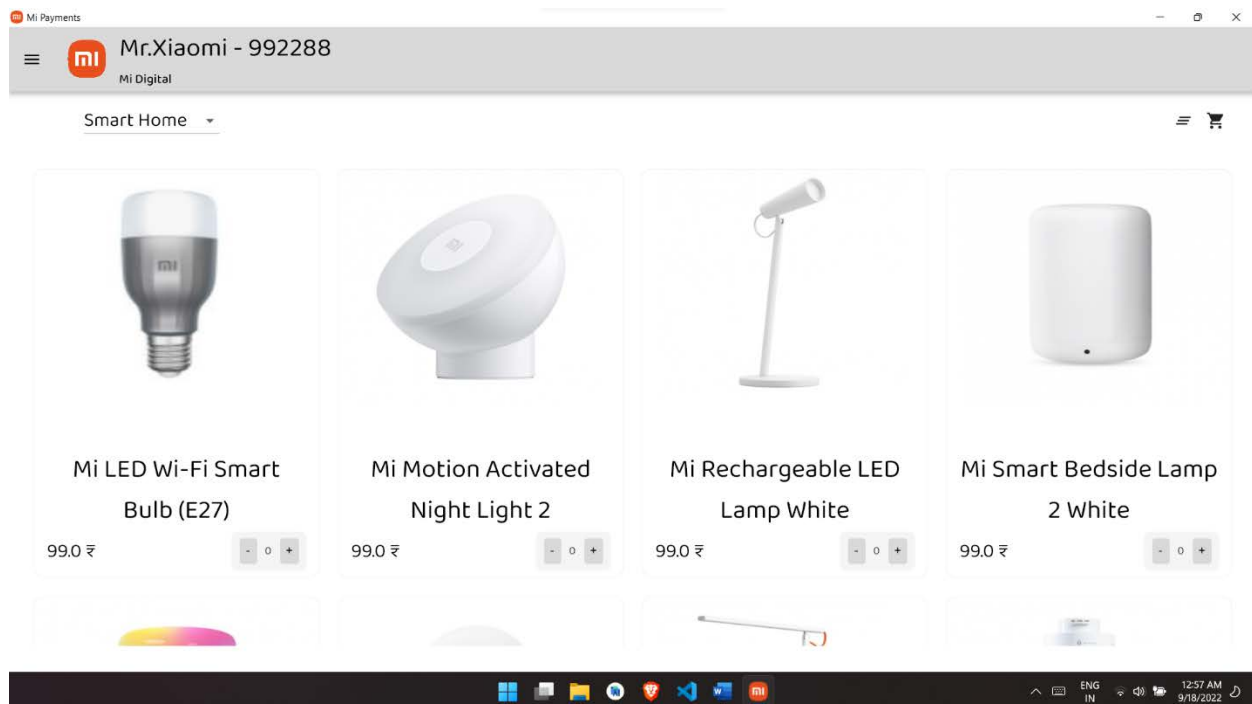
Xiaomi India

12:57 AM
9/18/2022

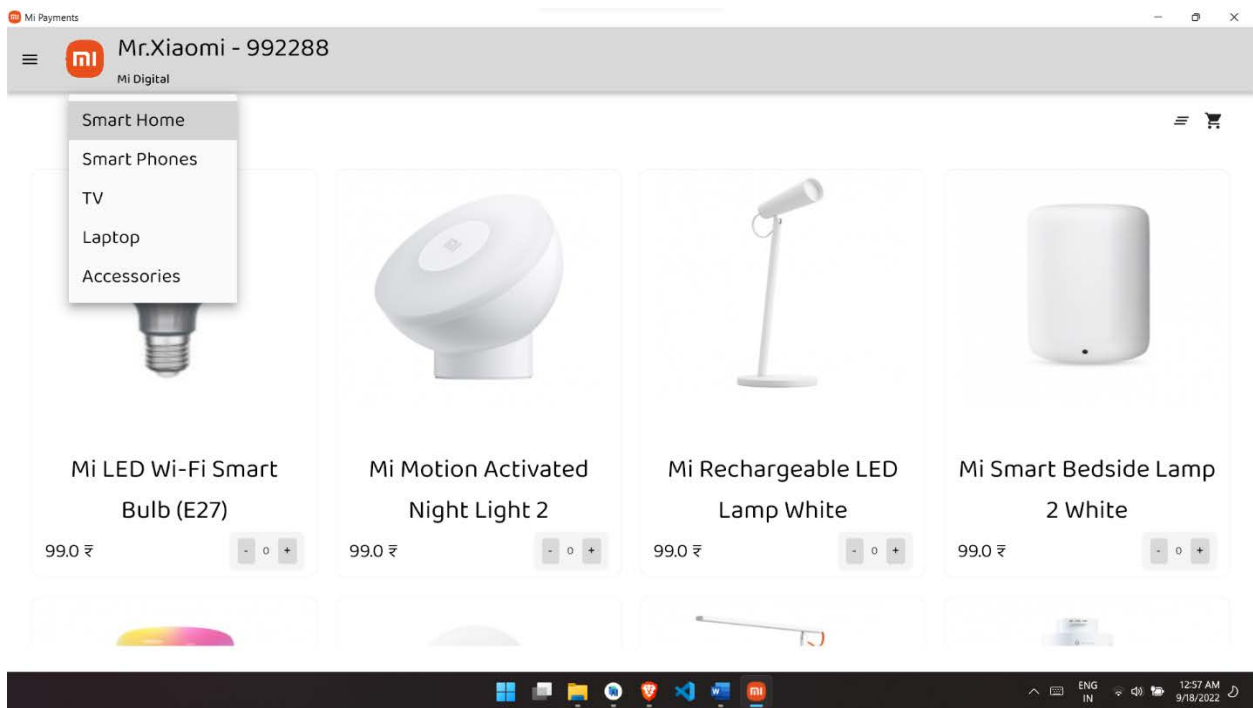
For now, let's continue with provided email id. And Login.

You can see the main page with so many items rendered on it, and you can directly add the items into cart by clicking + or – button on the bottom right of the tiles.

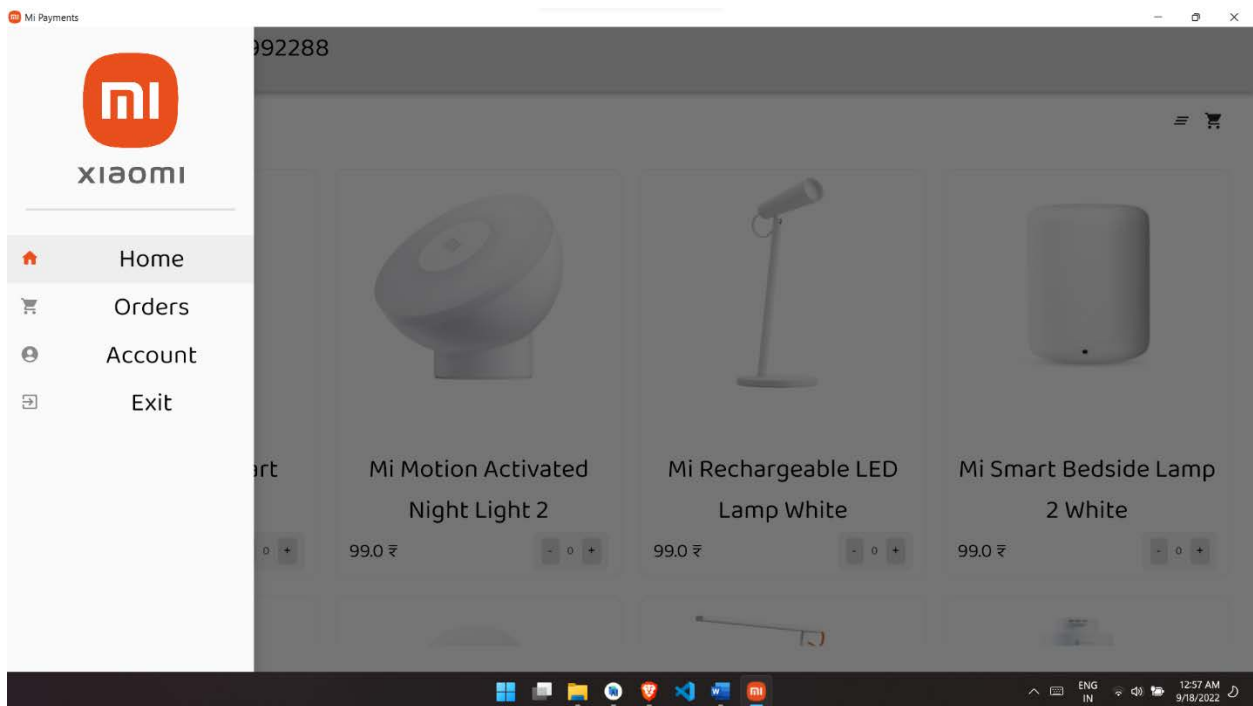
You can see the given items are from Smart Home category.



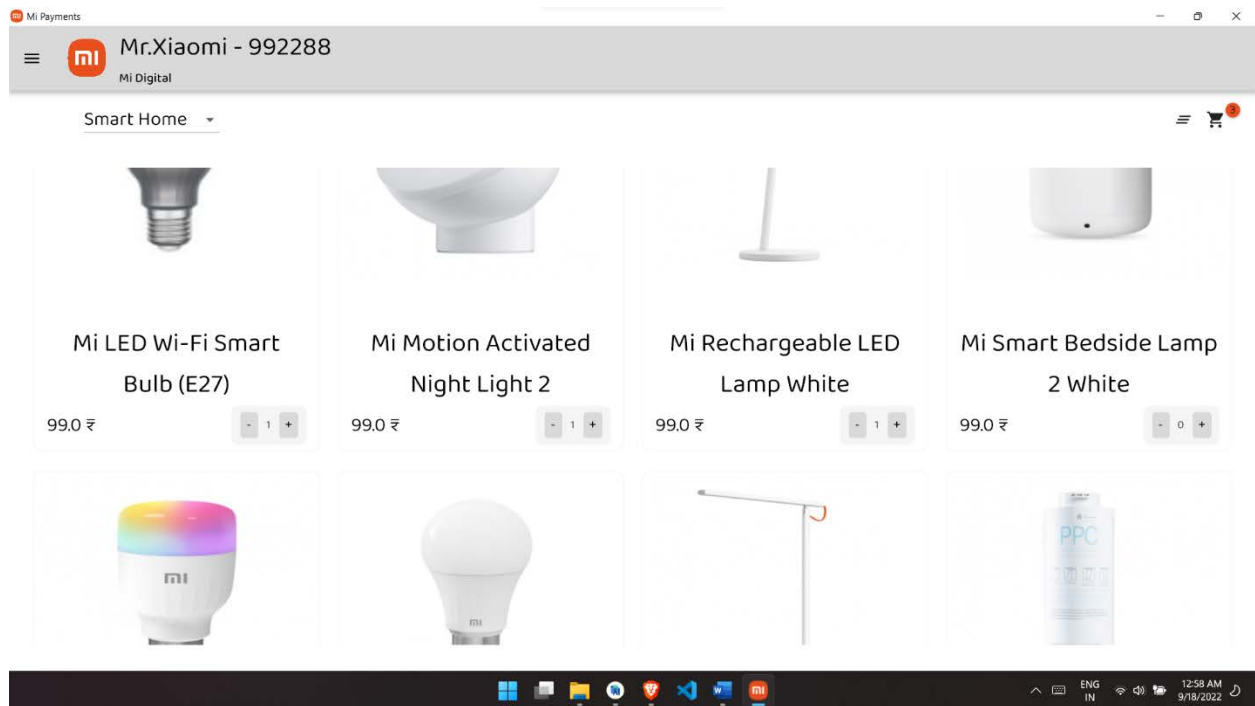
You can change the category by choosing any option from drop down in drop down menu.



And can navigate from Home to Orders page easily using left drawer.



Let's Select some items and continue .




You can see two options which is Clear the selected items and proceed which is indicated by a Cart symbol .



Once you click on cart icon, you will navigate to Billing Section which requires some fields to be filled with the item info and customer info.

Mi Payments

<

 Mr.Xiaomi - 992288

Payment

>

Mi Digital

Billing

Customer Details

First Name *

Last Name *

Email Id *

Phone No *

Full Address


Pin Code

Mi Id

Items Details

Please Enter All Items Serial Number

Price Summary




Item 1 Serial No.

99.0 ₹

Total :99.0 ₹

Please Enter All Items Serial Number

Price Summary



Item 1 Serial No.


99.0 ₹

Total :99.0 ₹

Also mention all items serial numbers in this section.

Mi Payments

<

 Mr.Xiaomi - 992288

Payment

>

Mi Digital

Billing

Customer Details

First Name *

Last Name *

Email Id *

Phone No *

Full Address


Pin Code

Mi Id

Items Details

Please Enter All Items Serial Number

Price Summary




Item 1 Serial No.

99.0 ₹

Total :99.0 ₹

Please Enter All Items Serial Number

Price Summary



Item 1 Serial No.

99.0 ₹

Total :99.0 ₹

Untill you don't give any text to required textfields, you cannot navigate to next section.

mi Mi Payments

< mi Mr.Xiaomi - 992288
Mi Digital

Payment >

Billing

Customer Details

First Name *
Fill this Field

Last Name *
Fill this Field

Email Id *
Fill this Field

Phone No *
Fill this Field

Full Address

Pin Code

Mi Id

Items Details

Windows Taskbar: 12:59 AM 9/18/2022

Lets give some name and random details and proceed next.

mi Mi Payments

< mi Mr.Xiaomi - 992288
Mi Digital

Payment >

Billing

Customer Details

First Name *
Jayesh

Last Name *
hadke

Email Id *
jayesh@gmail.com

Phone No *
123456789

Full Address

Pin Code

Mi Id

Items Details


Please Enter All Items Serial Number

Price Summary

Windows Taskbar: 12:59 AM 9/18/2022

Once you go to next section, you can see the summary of all the field details and the items selected along with its price and total price.

Mi Payments




<  Mr.Xiaomi - 992288
Mi Digital

Summary

Customer Details


Customer Full Name : Jayesh Hadke
Customer Email : jayesh@gmail.com
Customer Phone No. : jayesh@gmail.com

Order Details




Windows taskbar: ENG IN 1:03 AM 9/18/2022

Mi Payments


<  Mr.Xiaomi - 992288
Mi Digital

Order Details




Mi LED Wi-Fi Smart Bulb
(E27)(99.0₹) X 2

Total : 198.0₹



Mi Motion Activated Night
Light 2(99.0₹) X 2

Total : 198.0₹



Mi Rechargeable LED Lamp
White(99.0₹) X 2

Total : 198.0₹

Windows taskbar: ENG IN 1:03 AM 9/18/2022

Once everything is ok, you can see the Payment Summary which shows all the charges and the total amount to be paid.

mi Mi Payments

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Mr.Xiaomi - 992288

Mi Digital

Mi LED Wi-Fi Smart Bulb
(E27)(99.0₹) X 2

Mi Motion Activated Night
Light 2(99.0₹) X 2

Mi Rechargeable LED Lamp
White(99.0₹) X 2

Total : 198.0₹

Total : 198.0₹

Total : 198.0₹

Payment Summary

Total Amount

594.0₹

GST(18%)

106.92₹

Amount Pay :

700.92₹

Payment Type

Cash ▾

Make Payment

Check the payment method and proceed with the Make Payment Button.

And once payment is done, you can see the Snackbar (Pop up action) which is conformation of the payment and everything is saved properly.

mi Mi Payments

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Mr.Xiaomi - 992288

Mi Digital

Mi LED Wi-Fi Smart Bulb
(E27)(99.0₹) X 2

Mi Motion Activated Night
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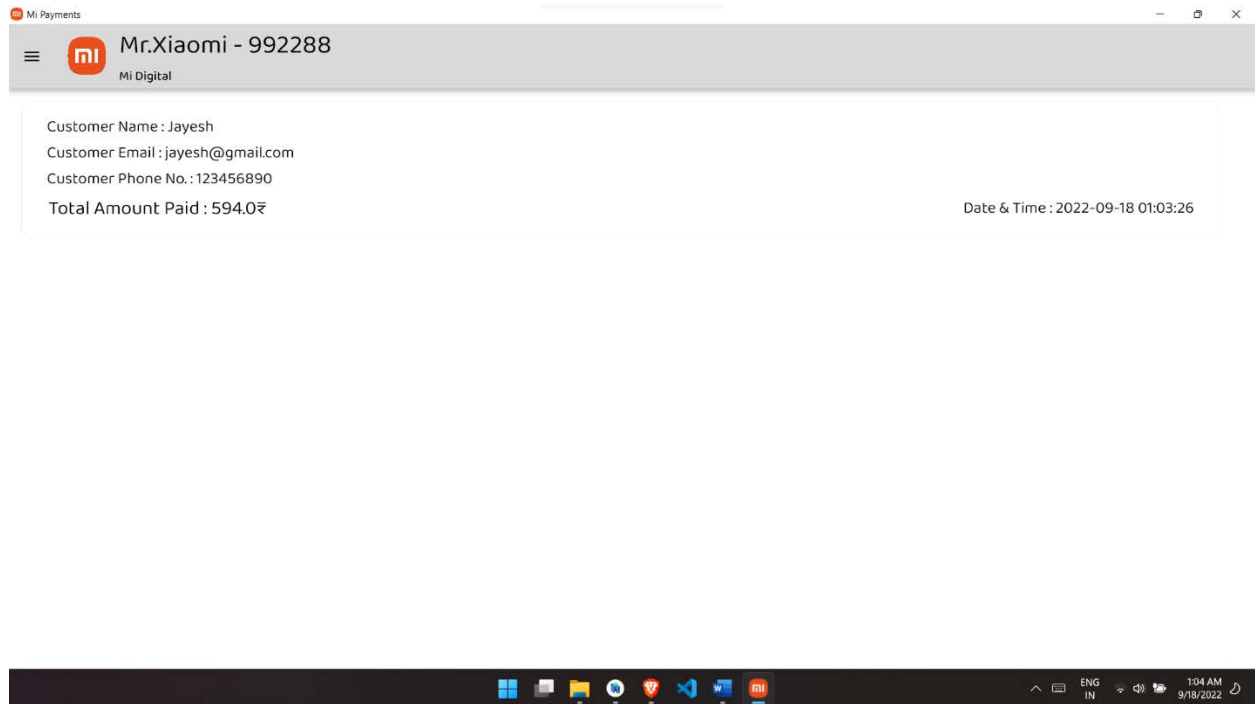
Payment Type

Cash ▾

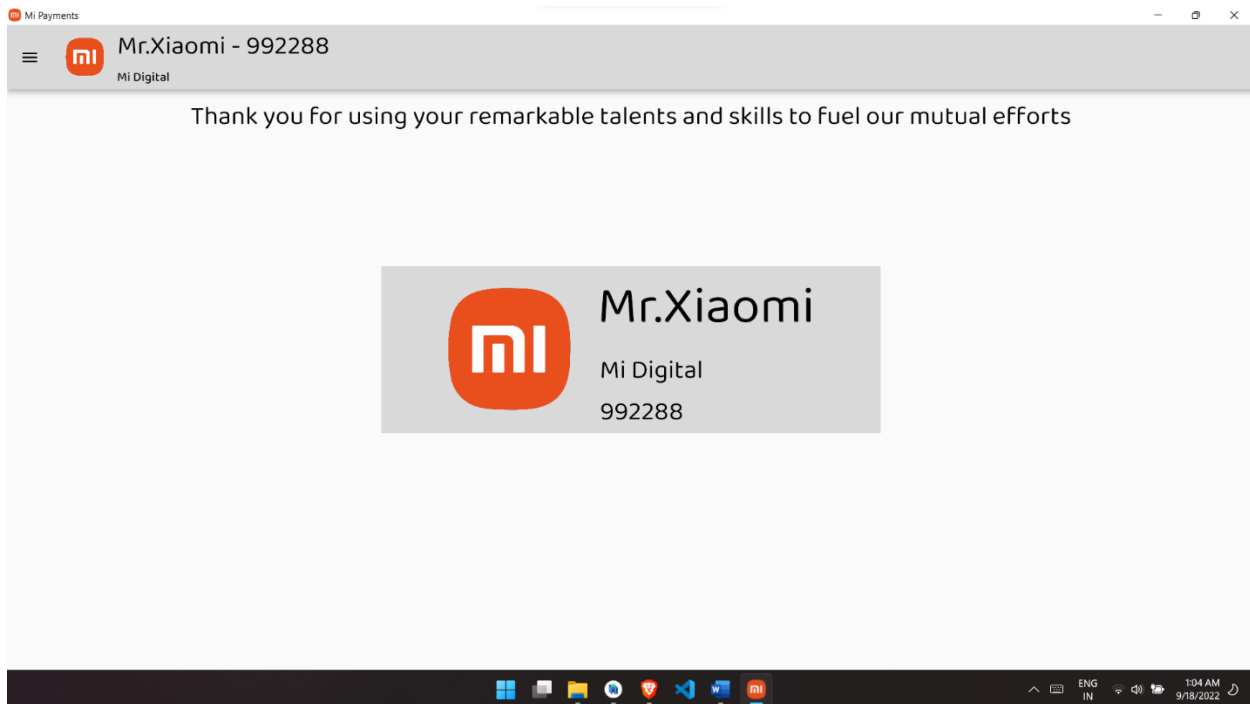
Make Payment

Payment: Done!

**You can navigate to Orders section which stores all the previous order details.
(Sorry, but we actually introduced the item list along with the order details but
at the end moment identified a bug and we excluded this section but you can
refer the code from Desktop_Orders_Page.dart)**



And we can see all the details of currently using User by choicing the Account option form left drawer.



And this is all we did.

Team Details and Roles:

- Jayesh Hadke ([LinkedIn](#), [Hackerearth](#), [Github](#), Hackerrank)
 - Team Leader
 - Frontend and Backend Developer
- Harsh Kumar Yadaw ([LinkedIn](#), [Hackerearth](#), [Github](#))
 - UI/UX Designer
 - Frontend Developer

Thank you.