IT2010 – Mobile Application Development
BSc (Hons) in Information Technology
2nd Year
Faculty of Computing
SLIIT

2023 – Lab Exam 01
Report

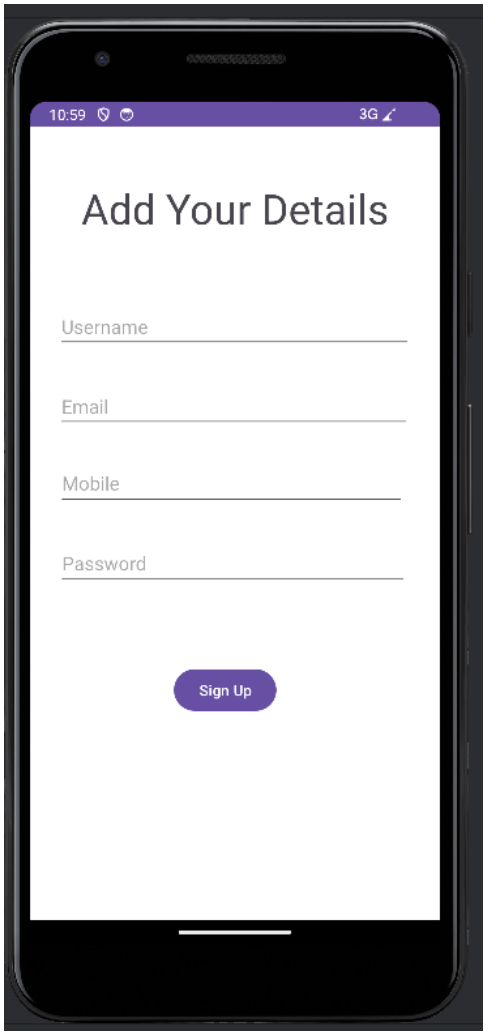
Student ID	IT22135452
Batch	Y2.S2.WE.IT.01.02
Marks	
1. Ideation (2 Marks)	
2. Applying "60-30-10 rule" when deciding the colors. (2 Marks)	
3. Selecting suitable layouts (2 Marks)	
4. Using proper views for the user interface (2 Marks)	
5. Creativity (1 Mark)	
Total: 10 Marks	
Evaluator	

Description:

There is a common Sri Lankan proverb that implies that habits are second nature. All though the average Sri Lankan is a very resistant of the day-to-day struggle caused by the ongoing economic crisis, the situation in the country is gradually affecting everyone starting from a new-born to elders. The constant records of inflation, the rising prices of daily necessities, ongoing fuel crisis and daily power failures have become the highlight of mostly every citizen's standard of living these days. Thus, my objective is to provide a solution for inflation to a certain extent. Although the inspiration, for the idea of "පරිත්‍යාග" App was the prevailing situation of the country and building a better community, this app could also come in handy for anyone and everyone who might be short of money and looking to save up. We all have food and non-food items with us that we have too much of and might need to throw away with us. "පරිත්‍යාග" app provides the capability to give away the items like these to someone who might need that certain item. The app provides an interface for payment as well as delivering the donation items.

Screenshots:

Sign In

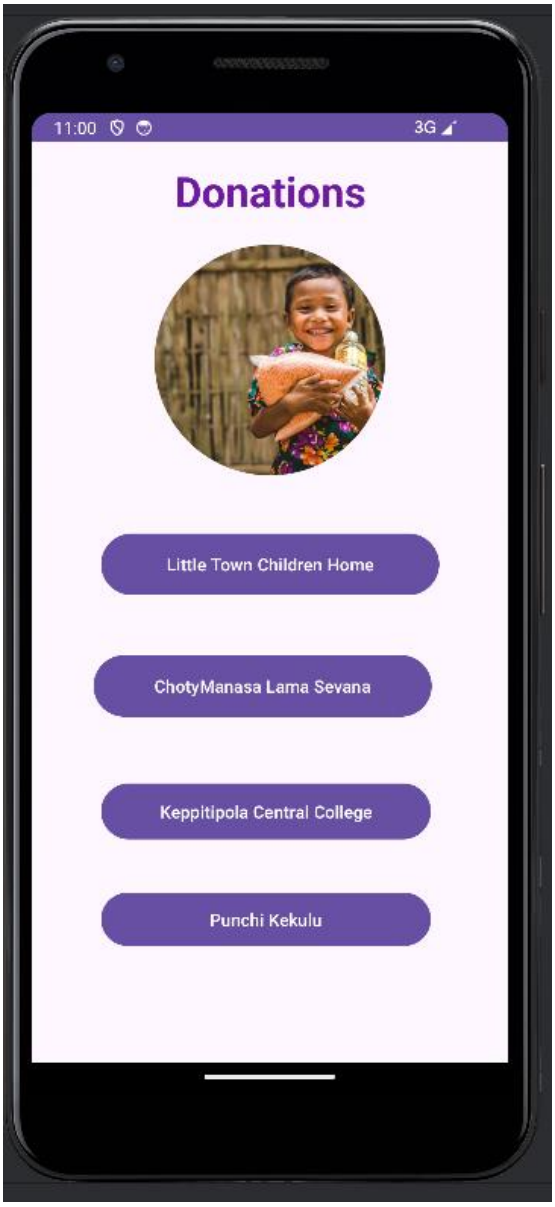


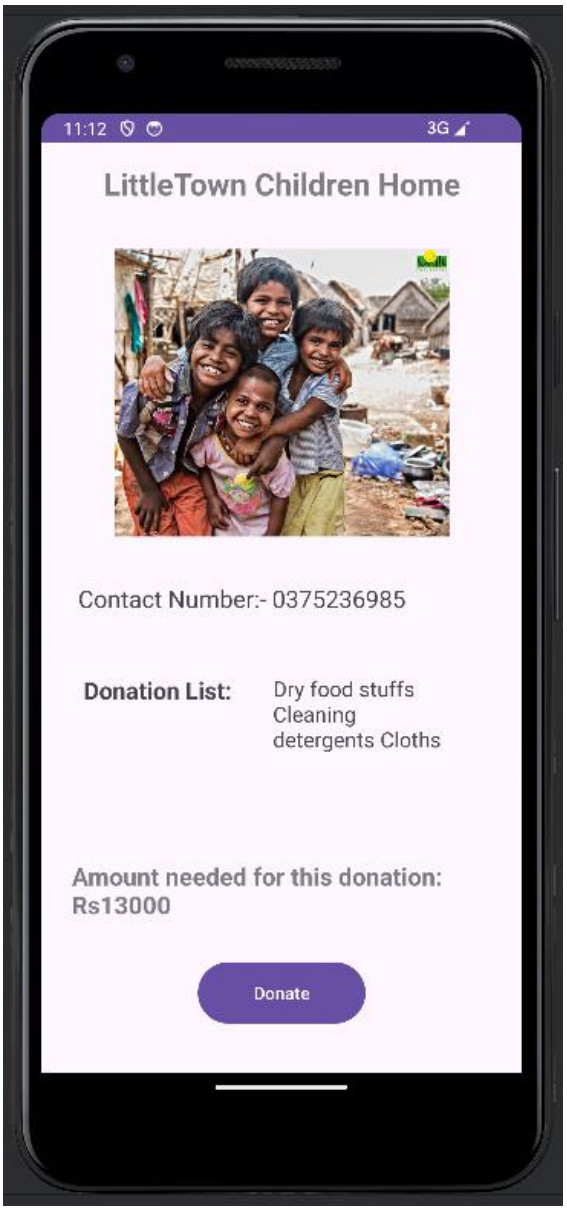
Sign Up

10:59
3G
Welcome, ChangeMaker!
පරිත්‍යාග
Sawbhaggya Bandara
saw123@gmail.com
0712365489
Get Started

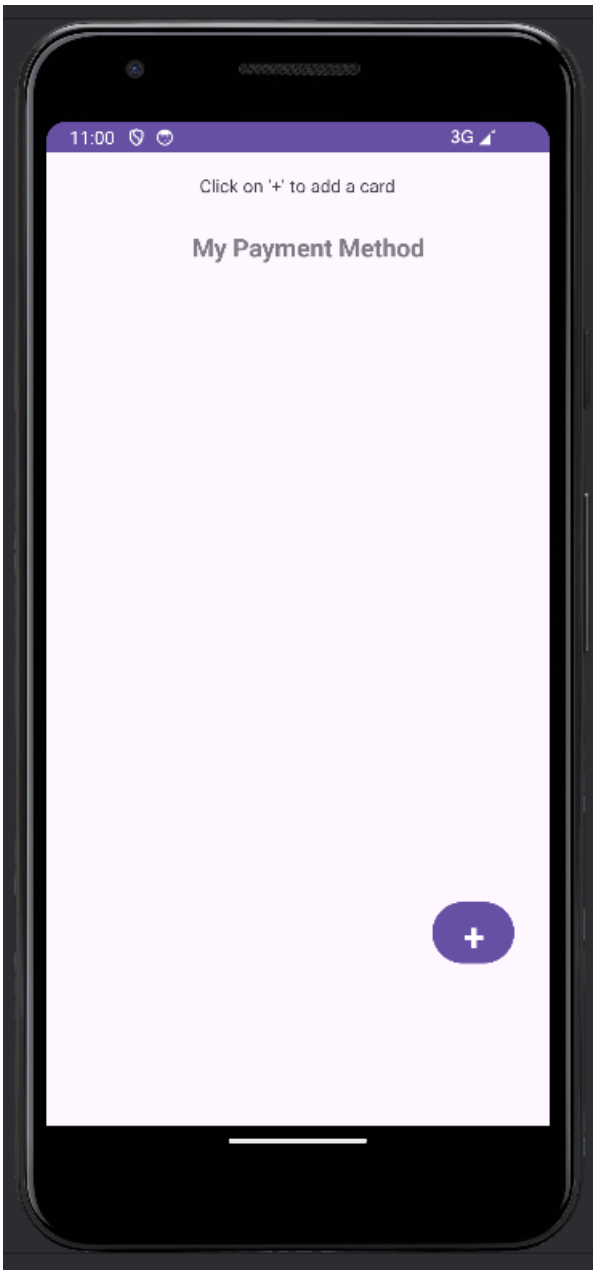
10:59
3G
Fund Donations
Food Donations
Toys Donations
Volunteer
Events

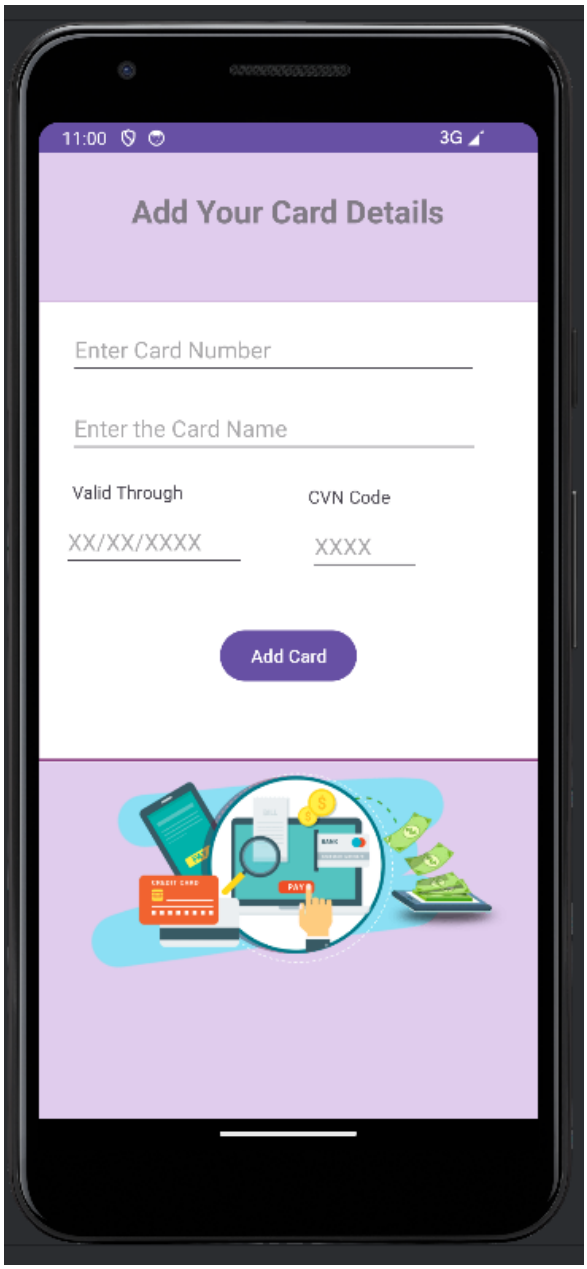
Home Page

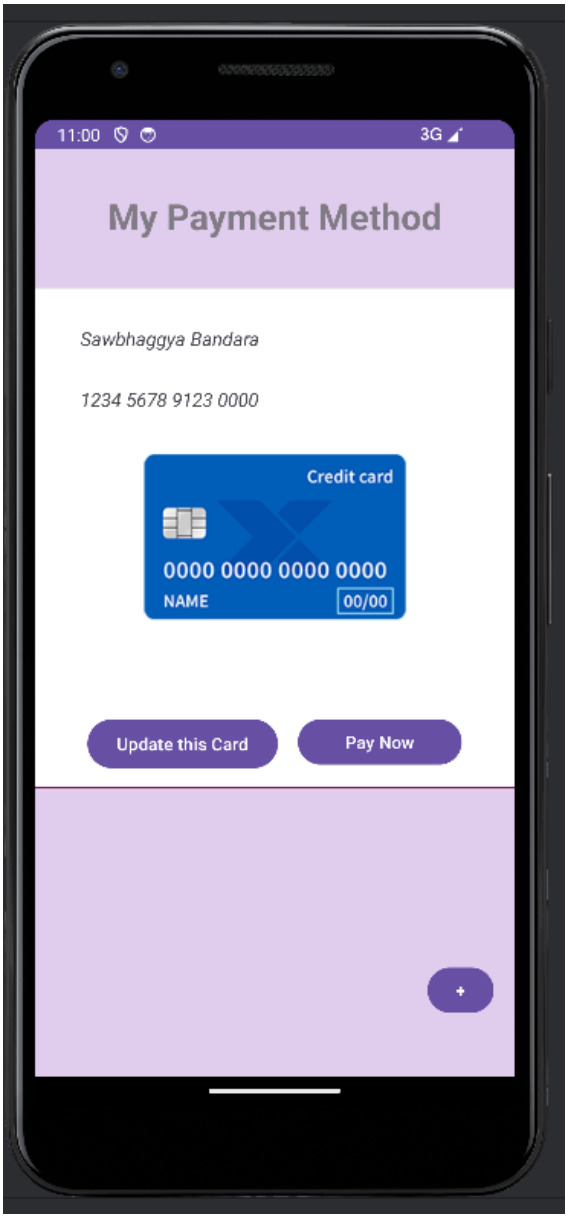


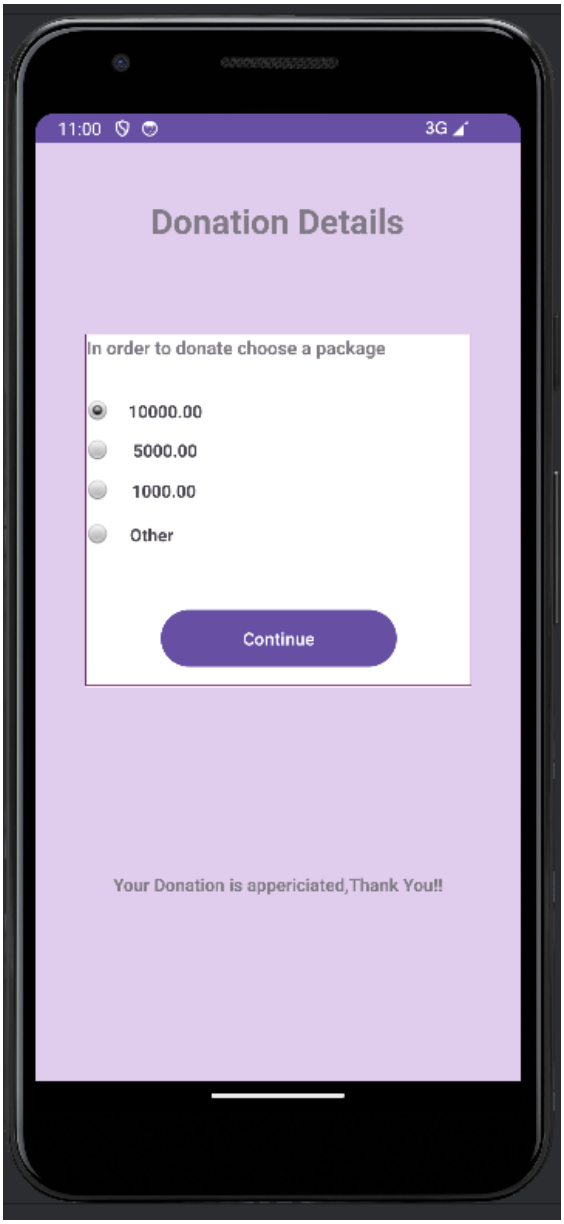


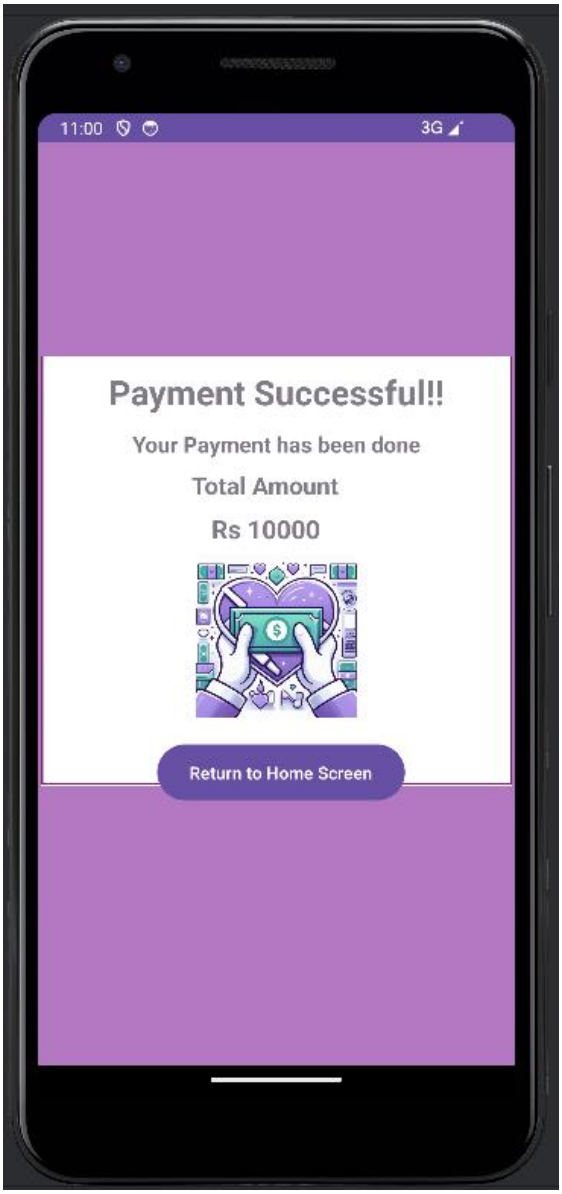
Donations page


11:00
3G
Click on '+' to add a card
My Payment Method
+


11:00
3G
Add Your Card Details
Enter Card Number
Enter the Card Name
Valid Through
XX/XX/XXXX
CVN Code
XXXX
Add Card


11:00
3G
My Payment Method
Sawbhaggya Bandara
1234 5678 9123 0000
Credit card
0000 0000 0000 0000
NAME
00/00
Update this Card
Pay Now
+

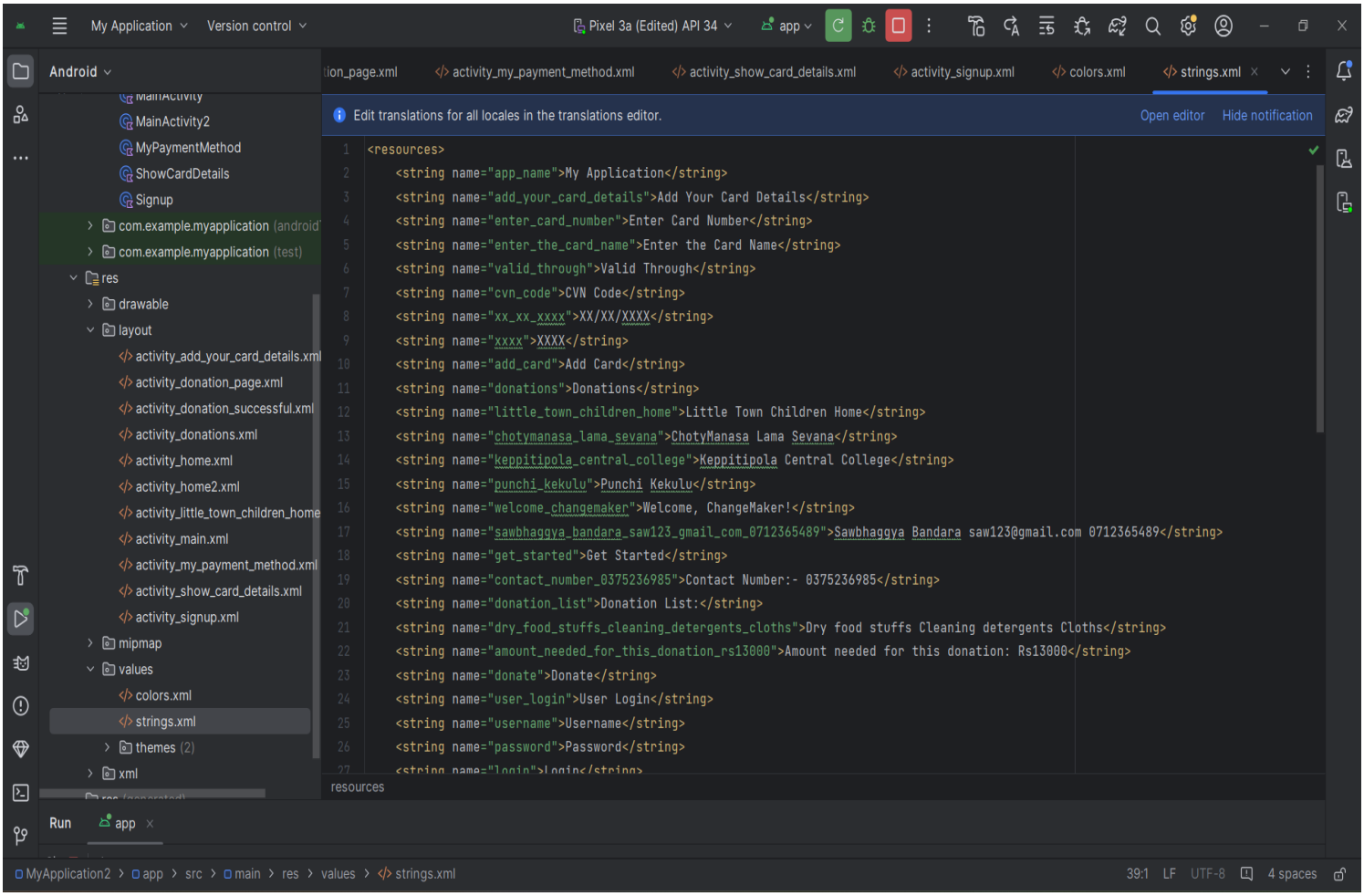

11:00
3G
Donation Details
In order to donate choose a package
10000.00
5000.00
1000.00
Other
Continue
Your Donation is appericiated,Thank You!!

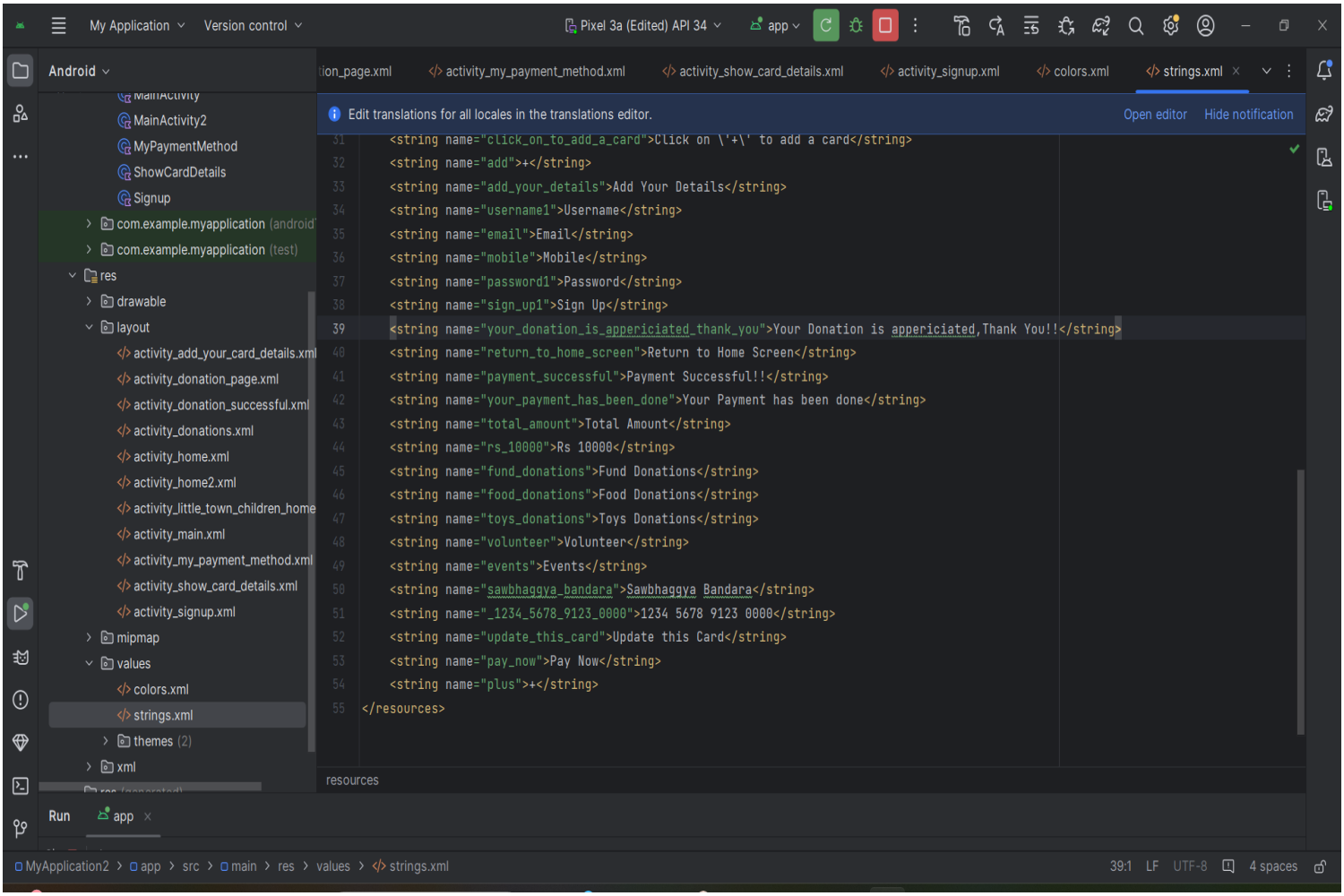


Payment successful page

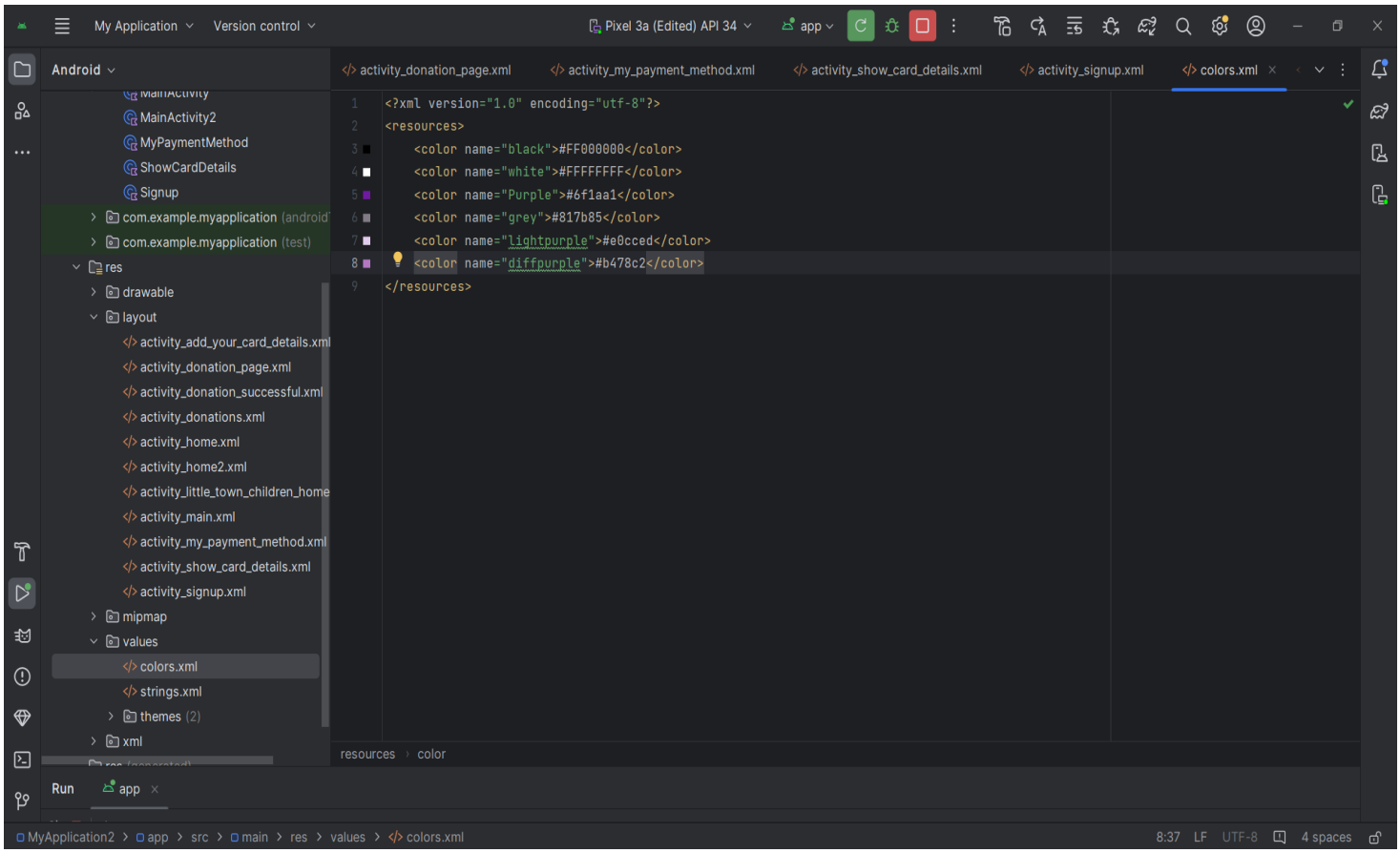
Content of xml files of Strings and Colors:

Strings




My Application
Version control
Pixel 3a (Edited) API 34
app
Android
activity_my_payment_method.xml
activity_show_card_details.xml
activity_signup.xml
colors.xml
strings.xml
Edit translations for all locales in the translations editor.
Open editor
Hide notification
MainActivity2
MyPaymentMethod
ShowCardDetails
Signup
com.example.myapplication (android
com.example.myapplication (test)
res
drawable
layout
activity_add_your_card_details.xml
activity_donation_page.xml
activity_donation_successful.xml
activity_donations.xml
activity_home.xml
activity_home2.xml
activity_little_town_children_home
activity_main.xml
activity_my_payment_method.xml
activity_show_card_details.xml
activity_signup.xml
mipmap
values
colors.xml
strings.xml
themes (2)
xml
<string name="click_on_to_add_a_card">Click on \'+\' to add a card</string>
<string name="add">+</string>
<string name="add_your_details">Add Your Details</string>
<string name="username1">Username</string>
<string name="email">Email</string>
<string name="mobile">Mobile</string>
<string name="password1">Password</string>
<string name="sign_up1">Sign Up</string>
<string name="your_donation_is_appericiated_thank_you">Your Donation is appericiated,Thank You!!</string>
<string name="return_to_home_screen">Return to Home Screen</string>
<string name="payment_successful">Payment Successful!!</string>
<string name="your_payment_has_been_done">Your Payment has been done</string>
<string name="total_amount">Total Amount</string>
<string name="rs_10000">Rs 10000</string>
<string name="fund_donations">Fund Donations</string>
<string name="food_donations">Food Donations</string>
<string name="toys_donations">Toys Donations</string>
<string name="volunteer">Volunteer</string>
<string name="events">Events</string>
<string name="sawbhaggya_bandara">Sawbhaggya Bandara</string>
<string name="_1234_5678_9123_0000">1234 5678 9123 0000</string>
<string name="update_this_card">Update this Card</string>
<string name="pay_now">Pay Now</string>
<string name="plus">+</string>
</resources>
resources
Run
app
MyApplication2 › app › src › main › res › values › strings.xml
39:1
LF
UTF-8
4 spaces

Colors


My Application
Version control
Pixel 3a (Edited) API 34
app
Android
activity_donation_page.xml
activity_my_payment_method.xml
activity_show_card_details.xml
activity_signup.xml
colors.xml
MainActivity2
MyPaymentMethod
ShowCardDetails
Signup
com.example.myapplication (android
com.example.myapplication (test)
res
drawable
layout
activity_add_your_card_details.xml
activity_donation_page.xml
activity_donation_successful.xml
activity_donations.xml
activity_home.xml
activity_home2.xml
activity_little_town_children_home
activity_main.xml
activity_my_payment_method.xml
activity_show_card_details.xml
activity_signup.xml
mipmap
values
colors.xml
strings.xml
themes (2)
xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
<color name="black">#FF000000</color>
<color name="white">#FFFFFFFF</color>
<color name="Purple">#6f1aa1</color>
<color name="grey">#817b85</color>
<color name="lightpurple">#e0cced</color>
<color name="diffpurple">#b478c2</color>
</resources>
resources
color
Run
app
MyApplication2
app
src
main
res
values
colors.xml
8:37
LF
UTF-8
4 spaces