



FACULTY OF COMPUTING

IT2010 – Mobile Application Development

BSc (Hons) in Information Technology

2<sup>nd</sup> Year

Faculty of Computing

SLIIT

## 2025 – Lab Exam 02 Report

Student ID	
Batch	
<b>Marking Guide</b>	
1. Ideation	2
2. Applying “60-30-10 rule” when deciding the colors	2
3. Selecting suitable layouts	2
4. Using proper views for the user interface	2
5. Interactivity	1
6. Creativity	1
<b>Total Marks</b>	<b>10</b>
Evaluator	

### Description:

<<Enter the Description of your application here>>

### Screenshots:

<<Paste the screenshots of your application here>>

### Content of xml files of Strings and Colors:

#### Strings

<<Paste the screenshots of your application here>>

#### Colors

<<Paste the screenshots of your application here>>



## **IT2010 Lab Exam 02 Report**

**“ MOCHA NOIR ”**

### **Online Coffee Shop Management System**

#### **Student Details**

**Student Name : D G A D HIRUSHA**

**Student ID Number : IT23183018**

**Group Number : 06.01**

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## 1. Introduction

# MOCHA NOIR

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### Welcome to Mocha Noir – Where Elegance Meets Coffee

Mocha Noir is a **sophisticated mobile app** designed for coffee enthusiasts who appreciate the perfect blend of **luxury, convenience, and rich flavors**. Whether you're craving a classic espresso, premium coffee beans, or an exclusive dessert, Mocha Noir offers a **seamless and indulgent experience** from browsing to checkout.

### Getting Started

New users can **create an account** and log in using their credentials to unlock the full experience of Mocha Noir. With an intuitive and user-friendly interface, navigating through the app is effortless.

### Explore the Mocha Noir Experience

The app is divided into **four exquisite sections**, each catering to different preferences:

#### 1. Classic Coffee ☕

A paradise for coffee lovers, this section features an **extensive selection of expertly crafted coffee beverages**. Whether you prefer a strong espresso, a smooth cappuccino, or a refreshing iced coffee, every cup is made to perfection.

#### 2. Coffee Beans 🌱

For those who love to brew at home, Mocha Noir offers a collection of **four premium coffee bean varieties**. Each type is carefully selected for its **unique aroma, richness, and depth of flavor**, ensuring that your home-brewed coffee rivals that of the finest cafés.

#### 3. Desserts 🍩

Pair your coffee with a delightful **selection of sweet treats**. This section includes classic favorites like **doughnuts, chocolate rolls, and other indulgent pastries**, all freshly made to complement your coffee experience.

#### 4. *Signature Appetizers*

Exclusivity defines this category. Mocha Noir introduces **unique, handcrafted cupcake-inspired creations** that you won't find anywhere else. These **elegantly designed and flavor-packed appetizers** elevate your coffee indulgence to a whole new level.

## Seamless Ordering & Checkout

Browsing and selecting items is effortless with Mocha Noir's sleek interface. Simply **add your favorite items to the cart**, then proceed to checkout with a few taps.

At checkout, users can:

Choose between **pickup or delivery**, ensuring flexibility in how they receive their order.

Enter **secure payment details** (credit or debit card).

Complete an **OTP verification process** to ensure a **safe and secure** transaction.

## Order Tracking & User Profile

Once an order is placed, users can **track their purchase in real-time** within the app:

Stay updated through the **notification panel**, which provides instant order status updates.

Navigate to the **user profile section**, where you can:

- **View and manage personal details**
- **Access order history** for easy reordering or reference

## Elevate Your Coffee Experience

Mocha Noir is more than just an app—it's a gateway to **a refined and luxurious coffee culture**. With an elegant interface, premium offerings, and a seamless user experience, Mocha Noir redefines the way you enjoy coffee.

**Indulge in the ultimate coffee experience. Welcome to Mocha Noir.**

## 2. Graphical User Interfaces





...  
Extended with Sweet  
Flavors of Delight

Next



...  
Indulge a Premium  
Coffee Experience

Explore

# Log In

We've already met !

Email

dinethhirusha@gmail.com

Password

\*\*\*\*\*

[Forgot Password ?](#)

**Log In**

Don't have an account ? [Sign up](#)

# Register

Let's get brewing !

Email

dinethhirusha@gmail.com

Password

\*\*\*\*\*

Confirm Password

\*\*\*\*\*

Phone

+94 77 2424 521

Already have an account ? [Log in](#)

**Register**

## Recover Password

Please enter your address to receive a verification code

Email

Continue

## OTP Verification

Enter 4 digit verification code sent to your email address

7

7

8

8

Resend code in 00:59

Confirm

**Good Morning**  
Panadura

**Best Choice** [see more](#)

Robusta Beans  
A strong, bold flavor and a high caffeine content.  
In stock  
Rs. 1950.50 [→](#)

Arabica Beans  
Experience a smooth low acidity in your coffee.  
In stock  
Rs. 1650.00 [→](#)

**Gift of Flavors**

Milk Doughnut with Choco Muffins  
Decadent doughnut to satisfy your sweet tooth  
-Rs. 550-  
Rs. 280 [→](#)

**Categories**

[Classic Coffee](#)

[Coffee Beans](#)

[Desserts](#)

[Signature Appetizers](#)

[Home](#) [Search](#) [Bag](#)

**Good Morning**  
📍 Panadura

Classic Coffee   Coffee Beans   Desserts   Signature Appetizers

**Chill Mocha**  
Indulge in rich chocolate with a refreshing cool twist.  
In stock  
**Rs. 350.00** →

**Iced Velvet**  
Savor a silky, mellow coffee with a cool finish.  
In stock  
**Rs. 290.00** →

**Choco Frost**  
Delight in a chilled cocoa-infused coffee with a creamy touch.  
In stock  
**Rs. 380.50** →

**Vanilla Ice**  
Enjoy sweet, aromatic vanilla coffee with a frosty finish.  
In stock  
**Rs. 250.00** →

**Gift of Flavors**

**Milk Doughnut with Choco Muffins**  
Decadent doughnut to satisfy your sweet tooth  
~~Rs. 550-~~  
**Rs. 280** →

**Snow Espresso**  
Experience a bold espresso kick with icy smoothness.  
In stock  
**Rs. 280.50** →

**Glacier Latte**  
Enjoy a creamy espresso blend with icy smoothness.  
In stock  
**Rs. 520.00** →

Home   Search   Bag

**Good Morning**  
📍 Panadura

Classic Coffee   Coffee Beans   Desserts   Signature Appetizers



**Robusta Beans**  
A strong, bold flavor and a high caffeine content.  
In stock  
**Rs. 1950.50** →

**Arabica Beans**  
Experience a smooth low acidity in your coffee.  
In stock  
**Rs. 1950.50** →

**Gift of Flavors**



**Milk Doughnut with Choco Muffins**  
Decadent doughnut to satisfy your sweet tooth  
**Rs. 550** →  
**Rs. 280** →

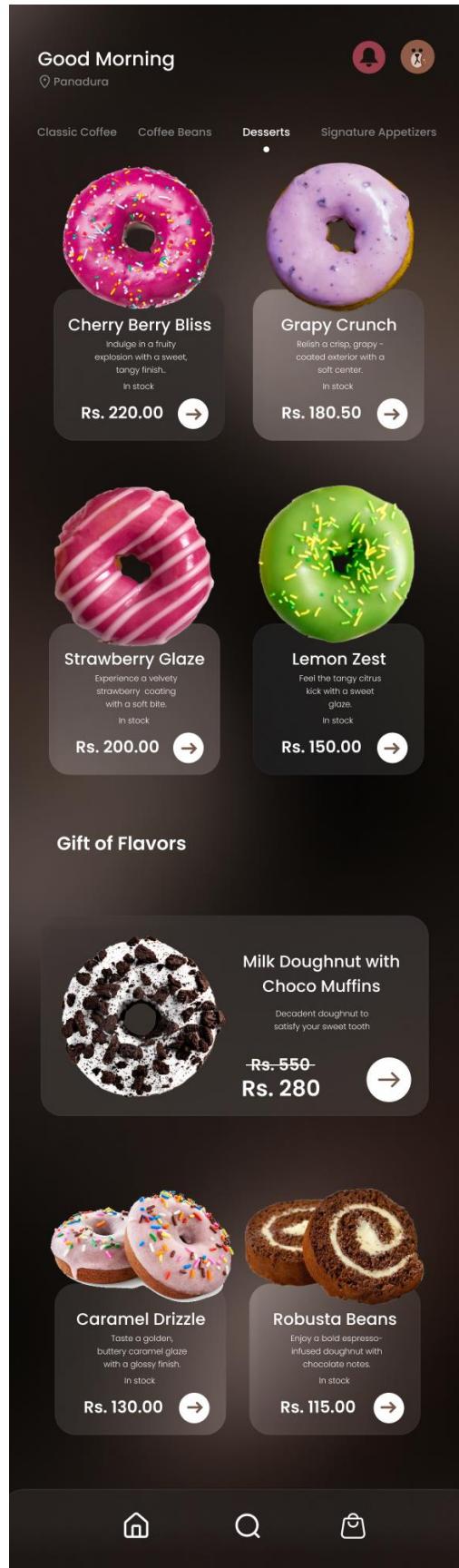


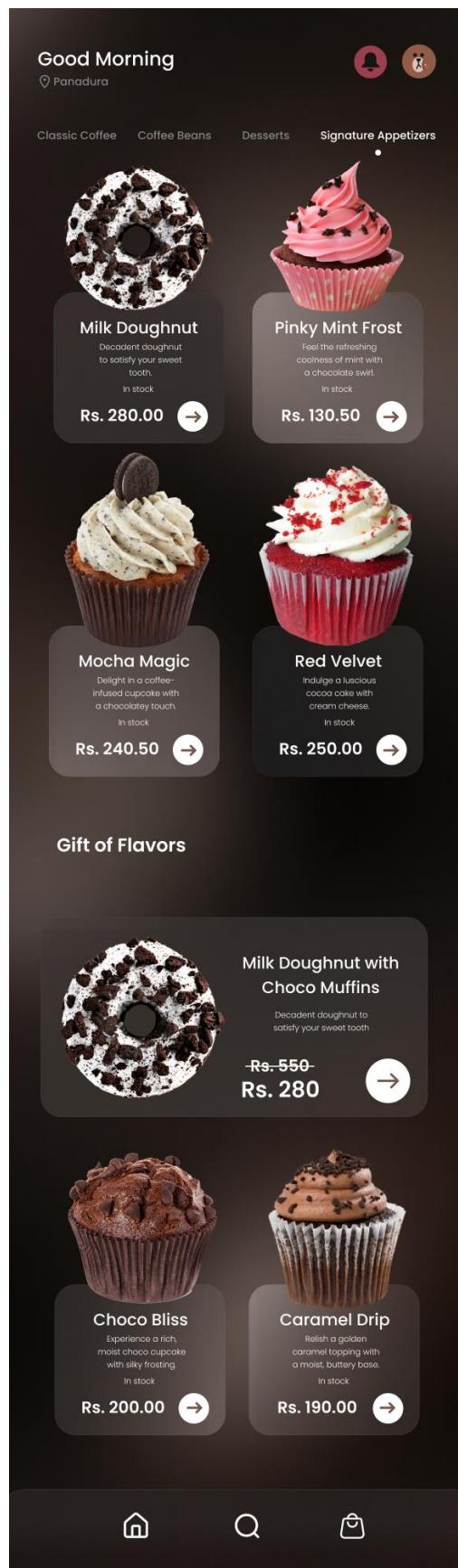
**Liberica Beans**  
Indulge a bold, smoky richness with exotic fruity notes.  
In stock  
**Rs. 1950.50** →



**Excelsa Beans**  
Delve into a tart, fruity complexity with rich spicy twist.  
In stock  
**Rs. 1950.50** →

Home   Search   Bag





**Good Morning**

Panadura

Your Address

 Deliver to  
210 A/2, Fave Street,  
Panadura.

**Your Orders**

**Checkout**

	500g Robusta Beans In stock	 
	1x Chill Mocha In stock	 
	1x Red Velvet In stock	 
	1x Cherry Berry Bliss In stock	 
<hr/>		
Sub Total	Rs. 2770.50	
Delivery Fee	Rs. 400.00	
Discount(s)	Rs. 250.00	
<hr/>		
<b>Total</b>	<b>Rs. 3420.50</b>	



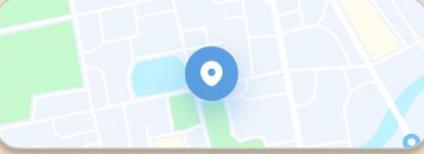
## Payment

Contact Information

Email:  dinethhirusha@gmail.com 

Phone:  077 2424521 

Address

210 A/2, Fake Street, Panadura. 

Payment Method

 VISA Card  
\*\*\*\* \* 0696 4629

Sub Total LKR 13 275.00

Delivery LKR 275.00

**Total Cost LKR 13 550.00**

**Pay**

## Payment Details

Payment Method

Name on the Card

D G A D HIRUSHA

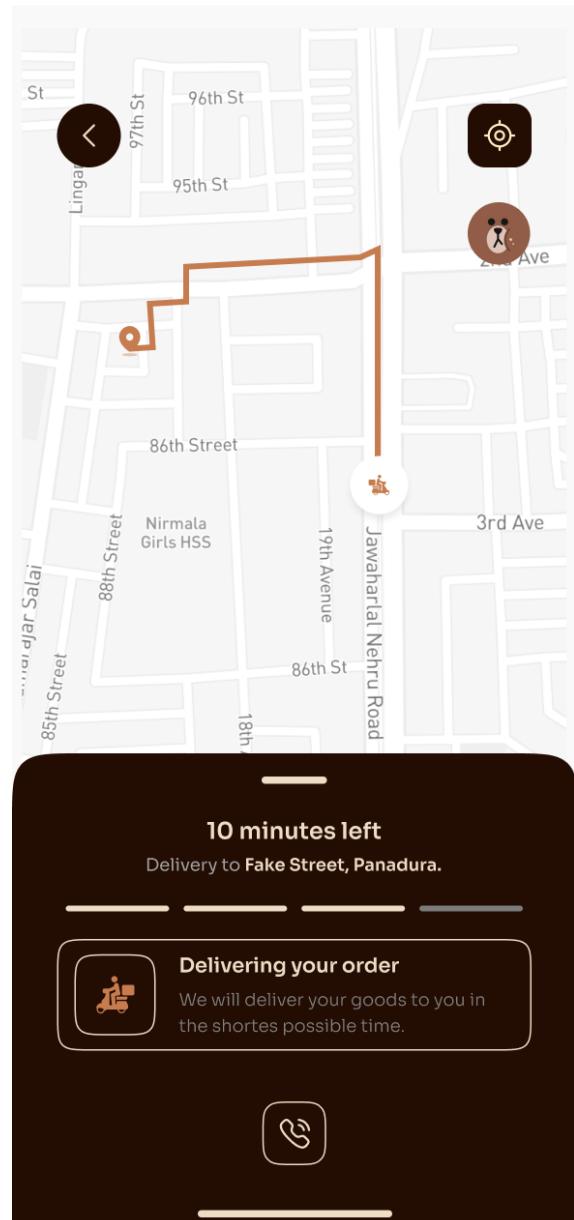
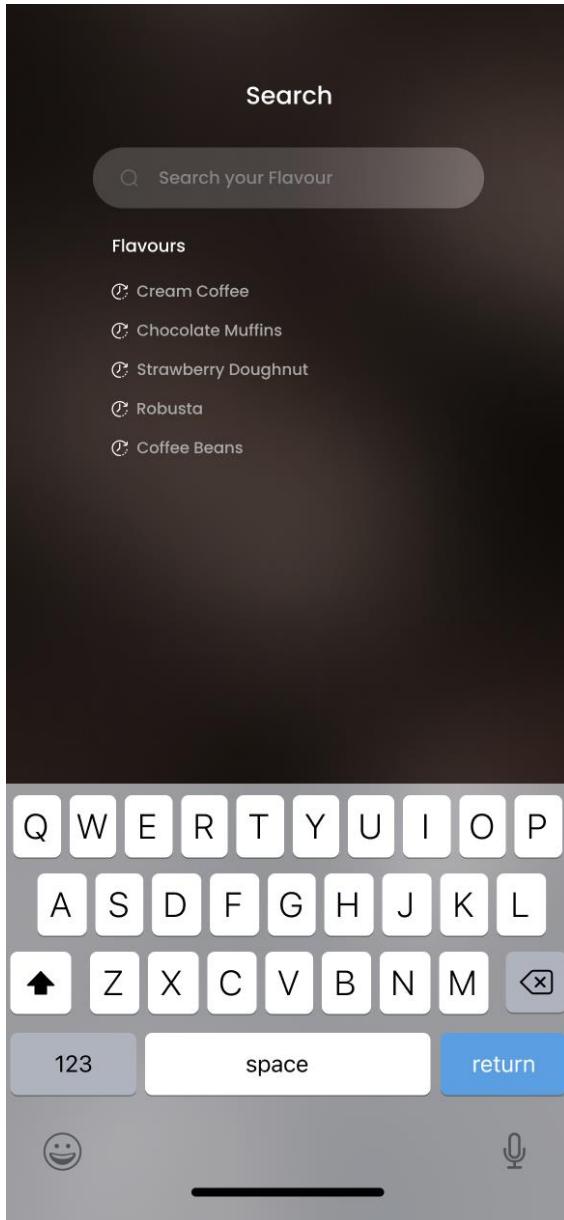
Card Number

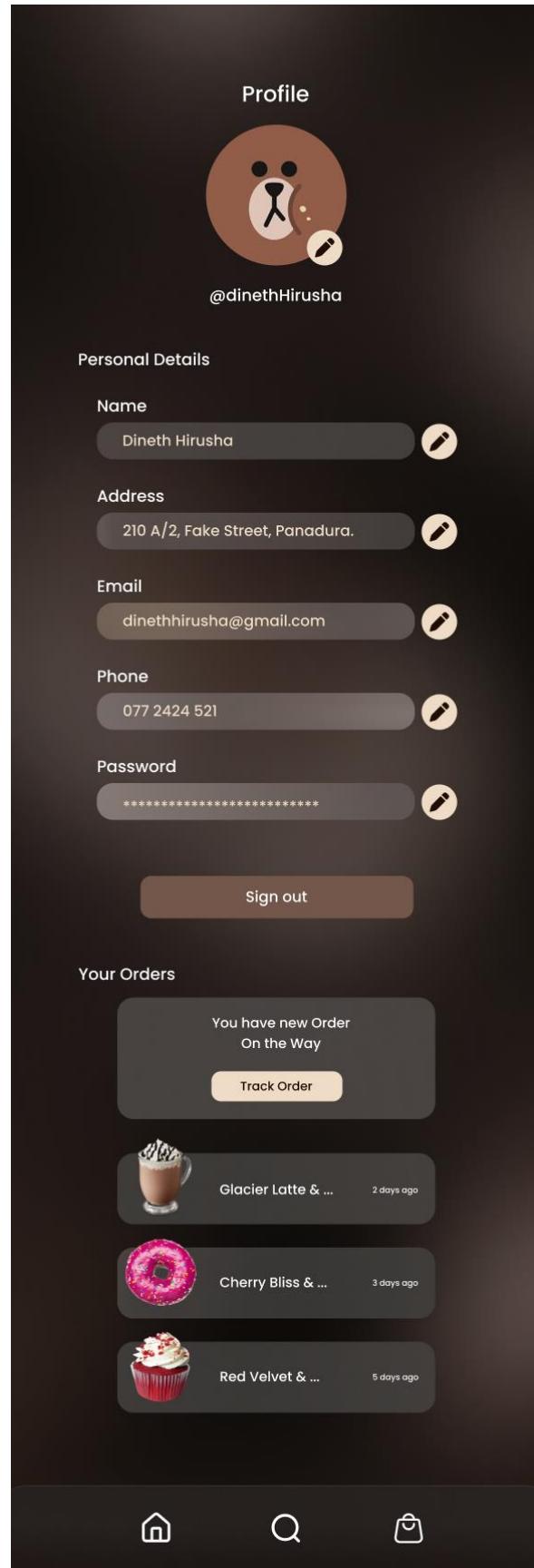
4208 3333 1234 6678

Expiration Date CVV

12/27 123 

**Confirm**







## Red Velvet

Indulge in a luscious cocoa cake  
with cream cheese.

In stock

**Rs. 250.50**

- 2 +

**ADD TO CART**



## Cherry Berry Bliss

Indulge in a fruity explosion with  
a sweet, tangy finish.

In stock

**Rs. 220.00**

- 1 +

**ADD TO CART**



## Glacier Latte

Enjoy a creamy espresso blend  
with icy smoothness.

In stock

**Rs. 520.00**

- 1 +

**ADD TO CART**



## Milk Doughnut

Decadent doughnut to satisfy  
your sweet tooth.

In stock

**Rs. 280.00**

- 1 +

**ADD TO CART**



## Choco Frost

Delight in a chilled cocoa-infused coffee with a creamy touch  
In stock

**Rs. 380.50**

- 1 +

**ADD TO CART**



## Robusta Beans

A strong, bold flavor and a high caffeine content.

In stock

**Rs. 1950.50 / per 500g**

- 1 +

**ADD TO CART**



Glacier Latte

1x



Milk  
Doughnut

2x

---

Rs  
1080.50

Paid  
2 days ago



Item added  
**successfully**

OK



Payment done  
successfully

OK

### 3. String XML Contents

```
<resources>
    <string name="app_name">Mocha Noir</string>
    <string name="salutation">Good Day</string>
    <string name="location">Panadura</string>

    <string name="hello_blank_fragment">Hello blank
fragment</string>
    <string name="categories">Categories</string>
    <string name="classic_coffee">Classic\nCoffee</string>
    <string name="coffee_beans">Coffee\nBeans</string>
    <string name="desserts">Desserts</string>
    <string
name="signature_appetizers">Signature\nAppetizers</string>

    <string name="gift">Gift of Flavors</string>
    <string name="best_choice">Best Choice\n</string>
    <string name="seemore">see more</string>
    <string name="search_text">Search your Desires ...</string>
    <string name="search_box">Search your Desires ...</string>
    <string name="placeholder">Search your Desires ...</string>

    <string name="search_txt">Search</string>
    <string name="checkout_btn">checkout</string>
    <string name="title_activity_login">LoginActivity</string>
    <string name="prompt_email">Email</string>
    <string name="prompt_password">Password</string>
    <string name="action_sign_in">Sign in or register</string>
    <string name="action_sign_in_short">Sign in</string>

    <string name="welcome">"Welcome ! "</string>
    <string name="invalid_username">Not a valid username</string>
    <string name="invalid_password">Password must be >5
characters</string>
```

```
<string name="login_failed">"Login failed"</string>
<string name="fpass">Forgot Password ?</string>
<string name="login">Log In</string>
<string name="donthv">Don't have an account ? Join
Now</string>
<string name="alreadyhv">Already have an account ? Log
In</string>
<string name="register">Register</string>

<string name="username">\@dinethHirusha</string>
<string name="onText1">Exceptional Brews\nEvery time</string>
<string name="get_started">Get Started</string>
<string name="next">Next</string>
<string name="on_text_2">Extended with Sweet\nFlavors of
Delight</string>
<string name="explore">Explore</string>

<string name="on_text_3">Indulge a Premium\nCoffee
Experience</string>
<string name="robusta_beans_title">Robusta Beans</string>
<string name="robusta_beans_description">A strong, bold aroma
and a tight sensitive taste</string>
<string name="robusta_beans_in_stock">In stock</string>
<string name="robusta_beans_price">Rs. 1950.50</string>

<string name="arabica_beans_title">Arabica Beans</string>
<string name="arabica_beans_description">Experience a smooth
low acidity in your coffee</string>
<string name="arabica_beans_in_stock">In stock</string>
<string name="arabica_beans_price">Rs. 1950.50</string>

<string name="liberica_beans_title">Liberica Beans</string>
<string name="liberica_beans_description">Indulge in bold,
earthy robusta, with floral notes</string>
<string name="liberica_beans_in_stock">In stock</string>
<string name="liberica_beans_price">Rs. 1950.50</string>
```

```

<string name="excelsa_beans_title">Excelsa Beans</string>
<string name="excelsa_beans_description">Enjoy a tart, rich
flavor with fruity notes</string>
<string name="excelsa_beans_in_stock">In stock</string>
<string name="excelsa_beans_price">Rs. 1950.50</string>

<string name="gift_of_flavors">Gift of Flavors</string>
<string name="milk_doughnut_title">Milk Doughnut with Choco
Muffins</string>
<string name="milk_doughnut_description">Decadent doughnut to
satisfy your sweet tooth</string>
<string name="milk_doughnut_old_price">Rs. 550</string>
<string name="milk_doughnut_new_price">Rs. 280</string>

<string name="your_address">Your Address</string>
<string name="deliver_to">Deliver to</string>
<string name="delivery_address">210 A/2, Fake Street,
Panadura.</string>
<string name="your_orders">Your Orders</string>
<string name="robusta_beans_500g">500g Robusta Beans</string>

<string name="chill_mocha">1x Chill Mocha</string>
<string name="red_velvet">1x Red Velvet</string>
<string name="in_stock">in stock</string>
<string name="rs_1950_50">Rs. 1950.50</string>
<string name="rs_350_00">Rs. 350.00</string>
<string name="rs_220_00">Rs. 220.00</string>

<string name="sub_total">Sub Total</string>
<string name="delivery_fee">Delivery Fee</string>
<string name="discounts">Discount(s)</string>
<string name="total">Total</string>

```

```

<string name="rs_2050_50">Rs. 2050.50</string>
<string name="rs_400_00">Rs. 400.00</string>
<string name="rs_250_00">Rs. 250.00</string>
<string name="rs_3200_50">Rs. 3200.50</string>

<string name="cherry_berry_bliss">Cherry Berry Bliss</string>
<string name="grapy_crunch">Grapy Crunch</string>
<string name="dessert_price_220">Rs. 220.00</string>
<string name="dessert_price_180_50">Rs. 180.50</string>

<string name="strawberry_glaze">Strawberry Glaze</string>
<string name="dessert_price_200">Rs. 200.00</string>
<string name="lemon_zest">Lemon Zest</string>
<string name="dessert_price_150">Rs. 150.00</string>

<string name="gift_">Gift of Flavors</string>
<string name="milk_doughnut_choco_muffins">Milk Doughnut with Choco Muffins</string>
<string name="milk_doughnut_desc">Decadent doughnut to satisfy your sweet tooth</string>
<string name="old_price">~Rs. 550</string>
<string name="new_price">Rs. 280</string>

<string name="caramel_drizzle">Caramel Drizzle</string>
<string name="caramel_drizzle_description">Donut coated with colorful sprinkles and drizzled with sweet caramel</string>
<string name="caramel_drizzle_price">Rs. 220.00</string>
<string name="robusta_beans_roll">Robusta Beans Roll</string>
<string name="robusta_beans_roll_price">Rs. 115.00</string>

<string name="go_back">Go Back</string>

</resources>
```

## 4. Colors XML Contents

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="dark_brown">#230C02</color> <!-- primary color --
>
    <color name="mid_brown">#74574B</color> <!-- secondary color --
->
    <color name="light_brown">#EEDCC6</color> <!-- accent color
light -->
    <color name="grey">#939393</color> <!-- accent color dark -->
</resources>
```

**End of the Document**