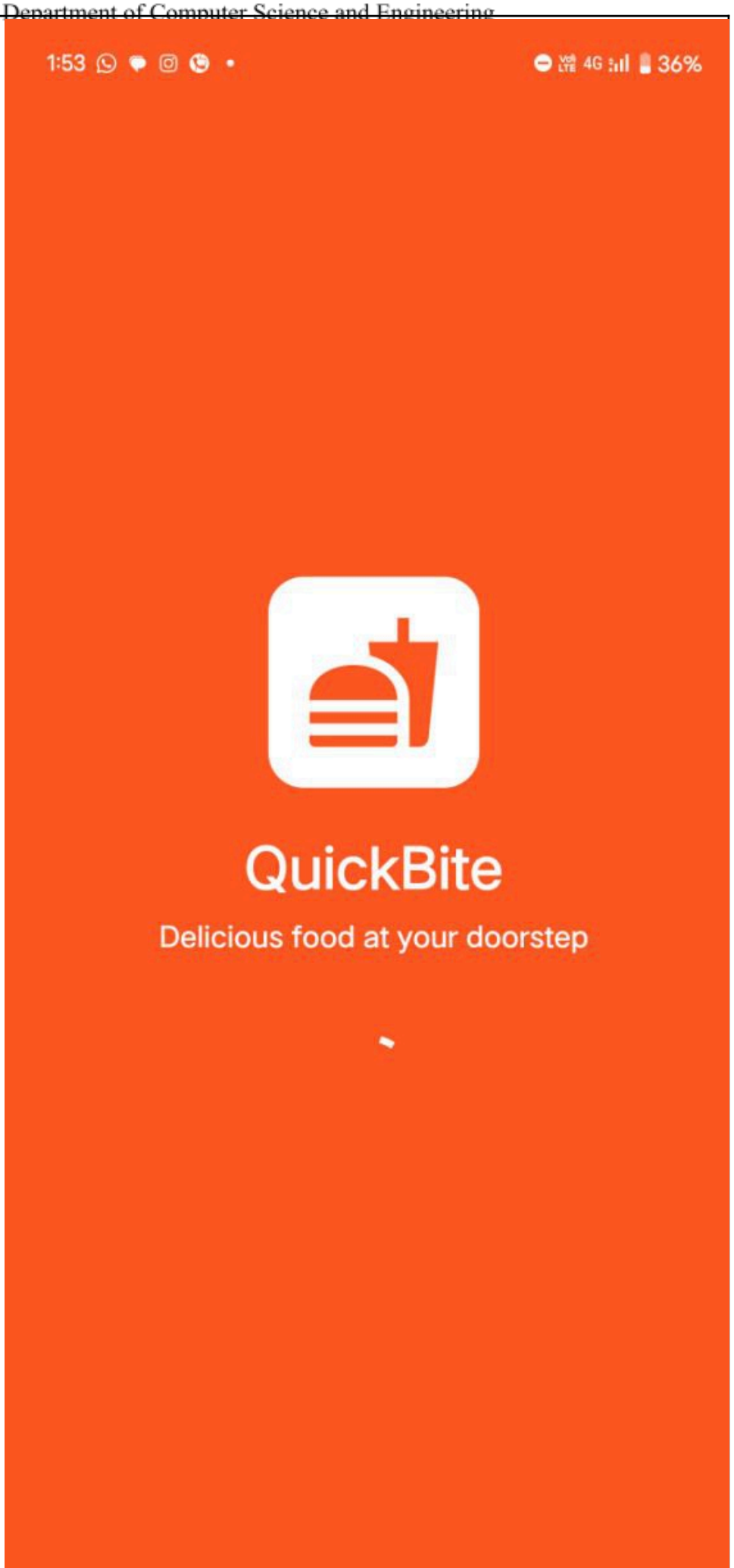
Bharatiya Vidya Bhavan's
SARDAR PATEL INSTITUTE OF TECHNOLOGY
(Autonomous Institute Affiliated to University of Mumbai)
Munshi Nagar, Andheri (W), Mumbai – 400 058.
Department of Computer Science and Engineering

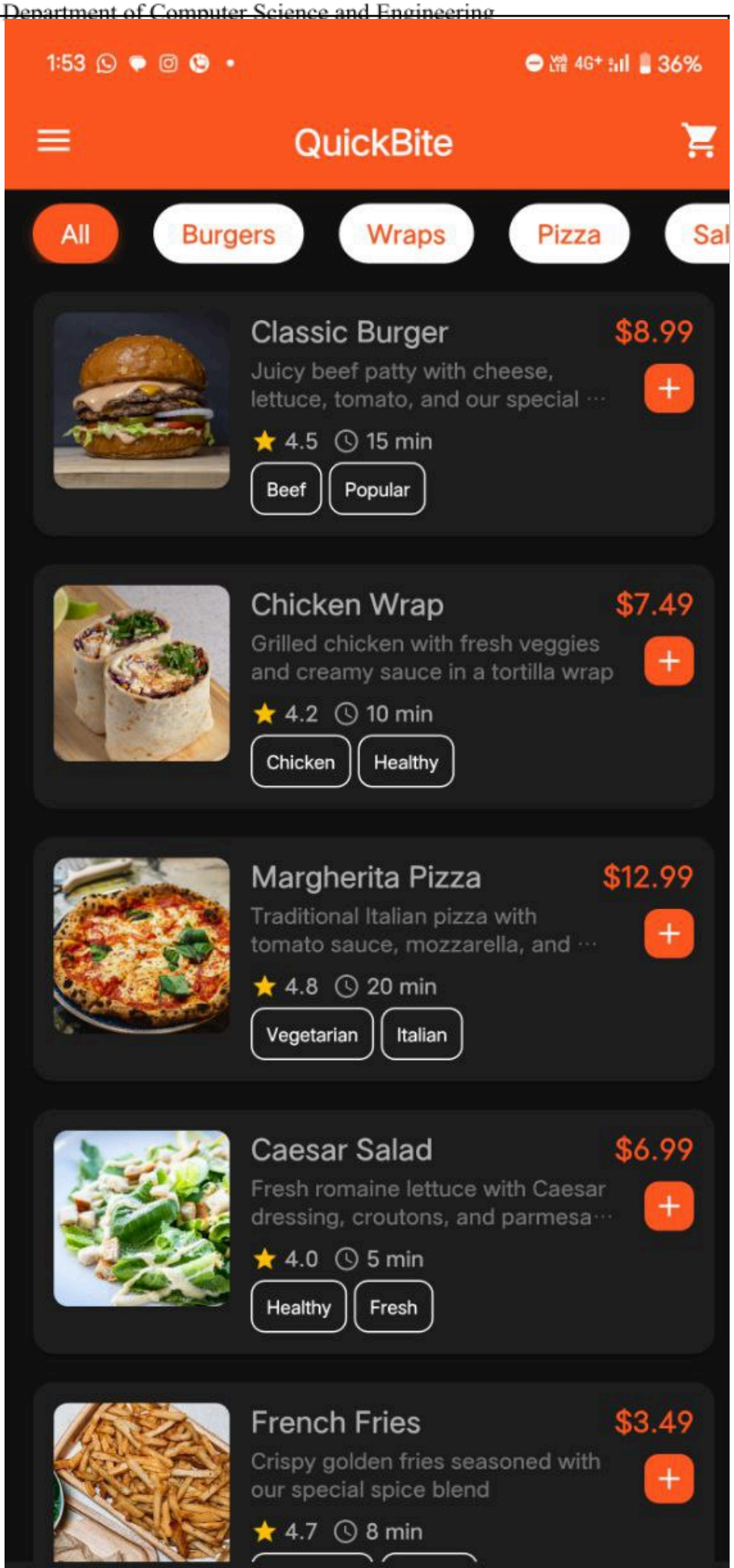
Experiment	7
Aim	Create an app for a restaurant to deliver food at doorstep.
Objective	• To create app for restaurant food delivery app. • To use either side or tabs menu • To create your own theme for the app. • To create Splash screen for the app.
Name	Vedant Onkar
UCID	2024510036
Class	FYMCA
Batch	B
Date of Submission	01-05-2025

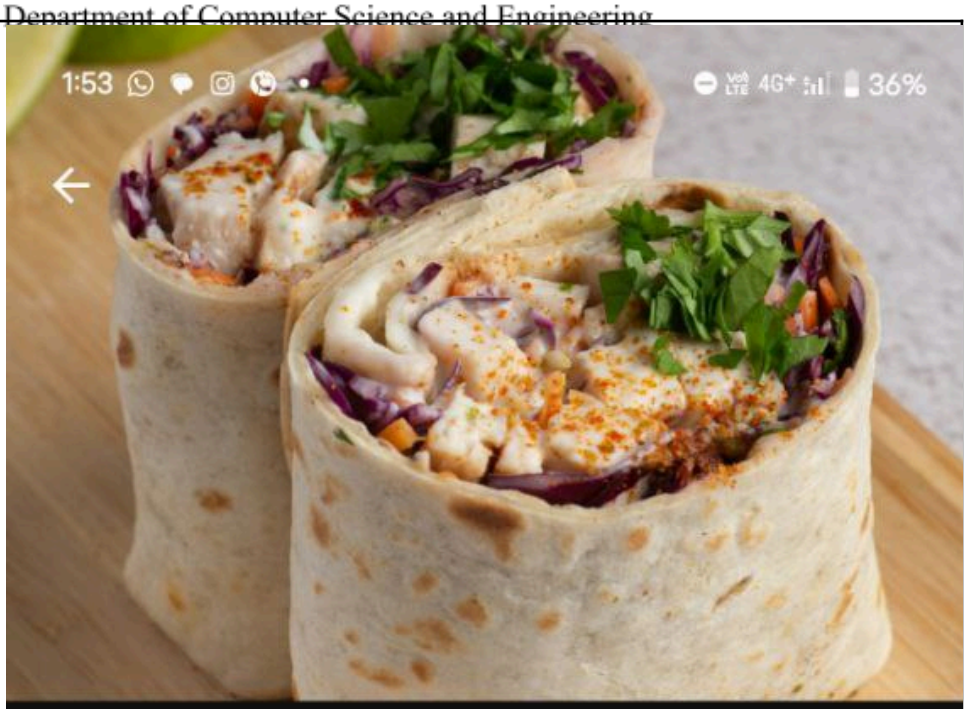
Technology used	**VS**Code, Flutter
Task	Create a Restaurant App for food delivery at your doorstep. Consider your own creativity and theme. Make use of multiple widgets and themes for make it look the best.
Code with proper label	

```dart
import 'package:flutter/material.dart';
import 'screens/splash_screen.dart';
import 'theme/app_theme.dart';

void main() {
  runApp(const QuickBiteApp());
}

class QuickBiteApp extends StatelessWidget {
  const QuickBiteApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'QuickBite',
      debugShowCheckedModeBanner: false,
      theme: AppTheme.theme,
      home: const SplashScreen(),
    );
  }
}
```

Screenshots




1:53
36%
QuickBite
All
Burgers
Wraps
Pizza
Classic Burger
$8.99
Juicy beef patty with cheese, lettuce, tomato, and our special ···
4.5
15 min
Beef
Popular
Chicken Wrap
$7.49
Grilled chicken with fresh veggies and creamy sauce in a tortilla wrap
4.2
10 min
Chicken
Healthy
Margherita Pizza
$12.99
Traditional Italian pizza with tomato sauce, mozzarella, and ···
4.8
20 min
Vegetarian
Italian
Caesar Salad
$6.99
Fresh romaine lettuce with Caesar dressing, croutons, and parmesa···
4.0
5 min
Healthy
Fresh
French Fries
$3.49
Crispy golden fries seasoned with our special spice blend
4.7
8 min



Chicken Wrap $7.49

★ 4.2 10 min

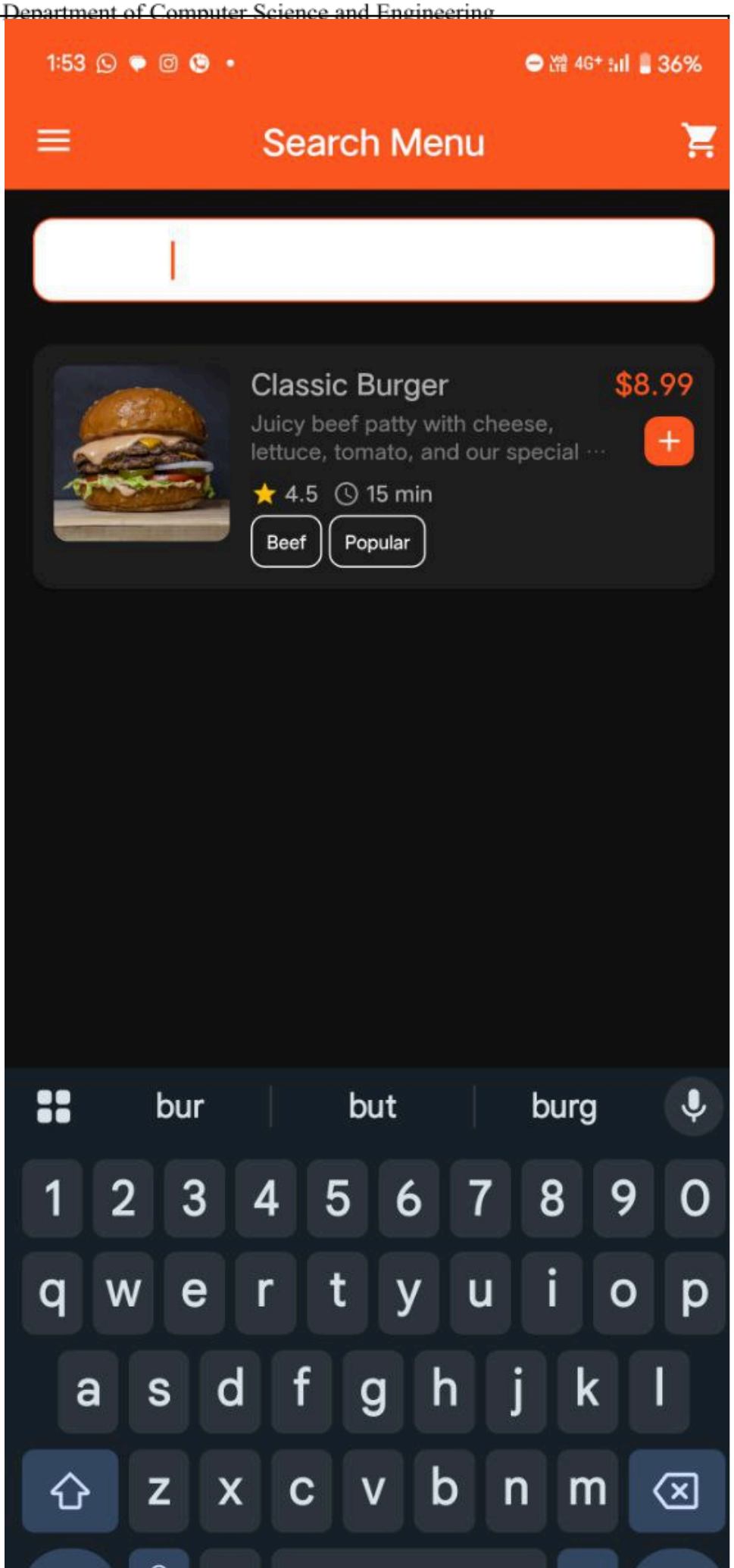
Chicken Healthy

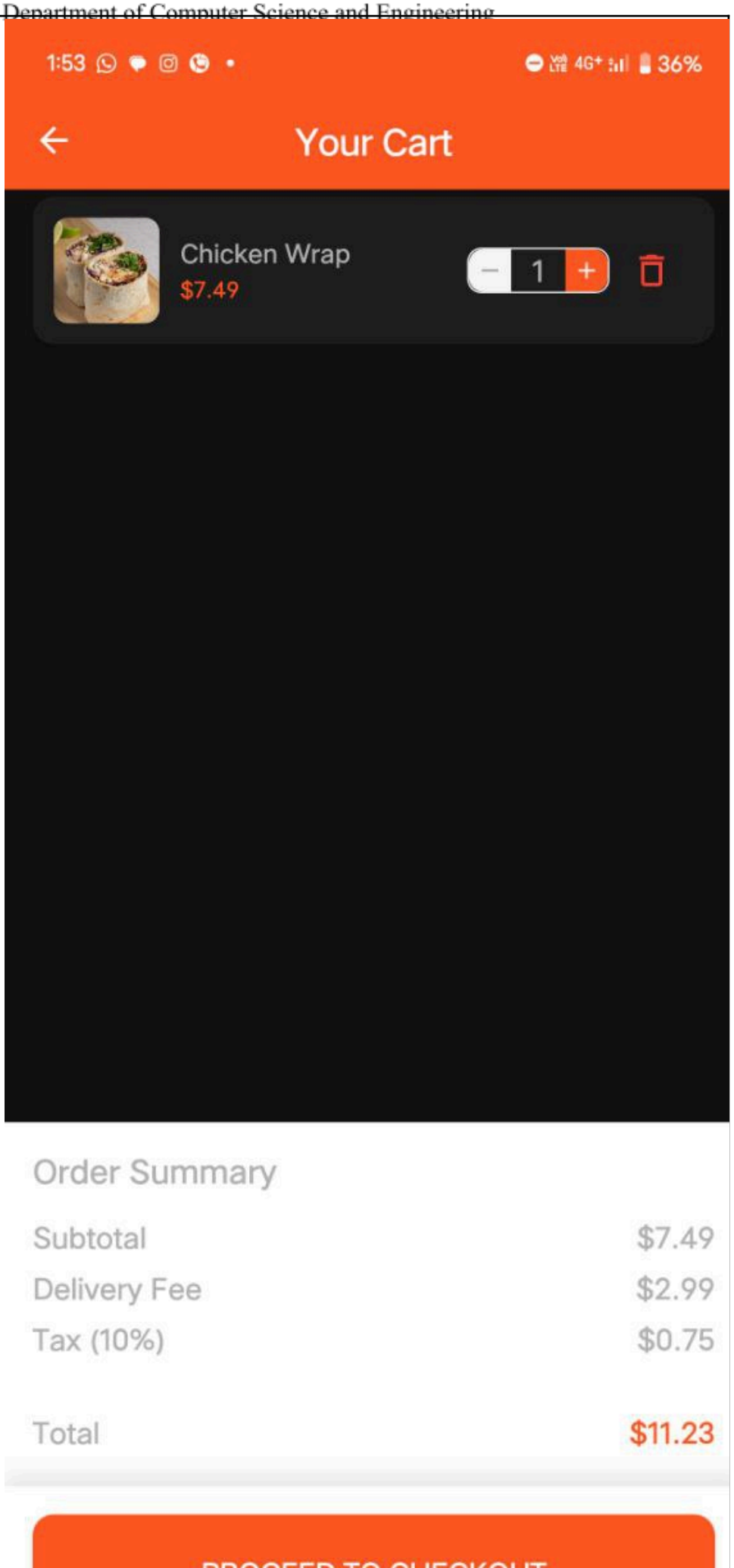
Description

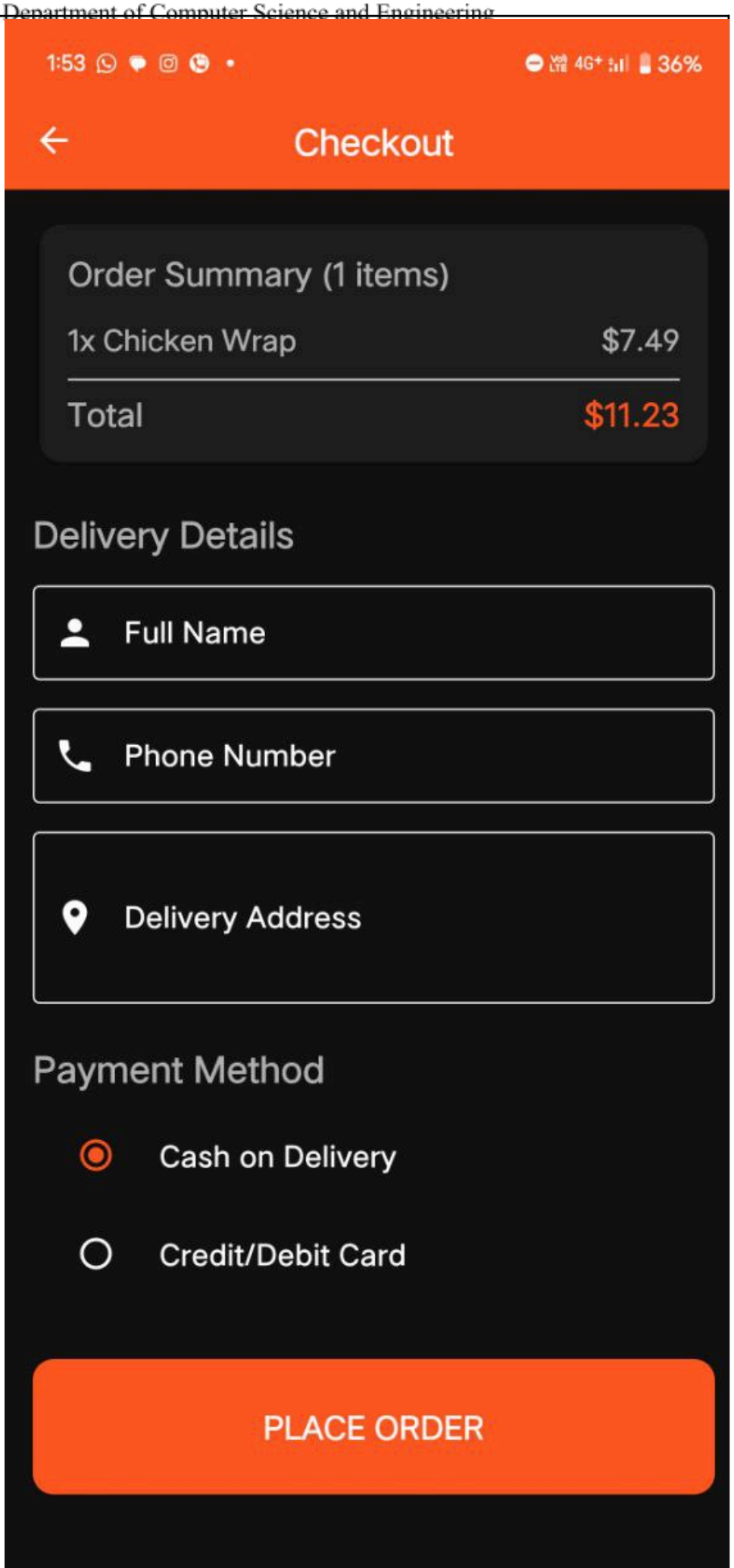
Grilled chicken with fresh veggies and creamy sauce in a tortilla wrap

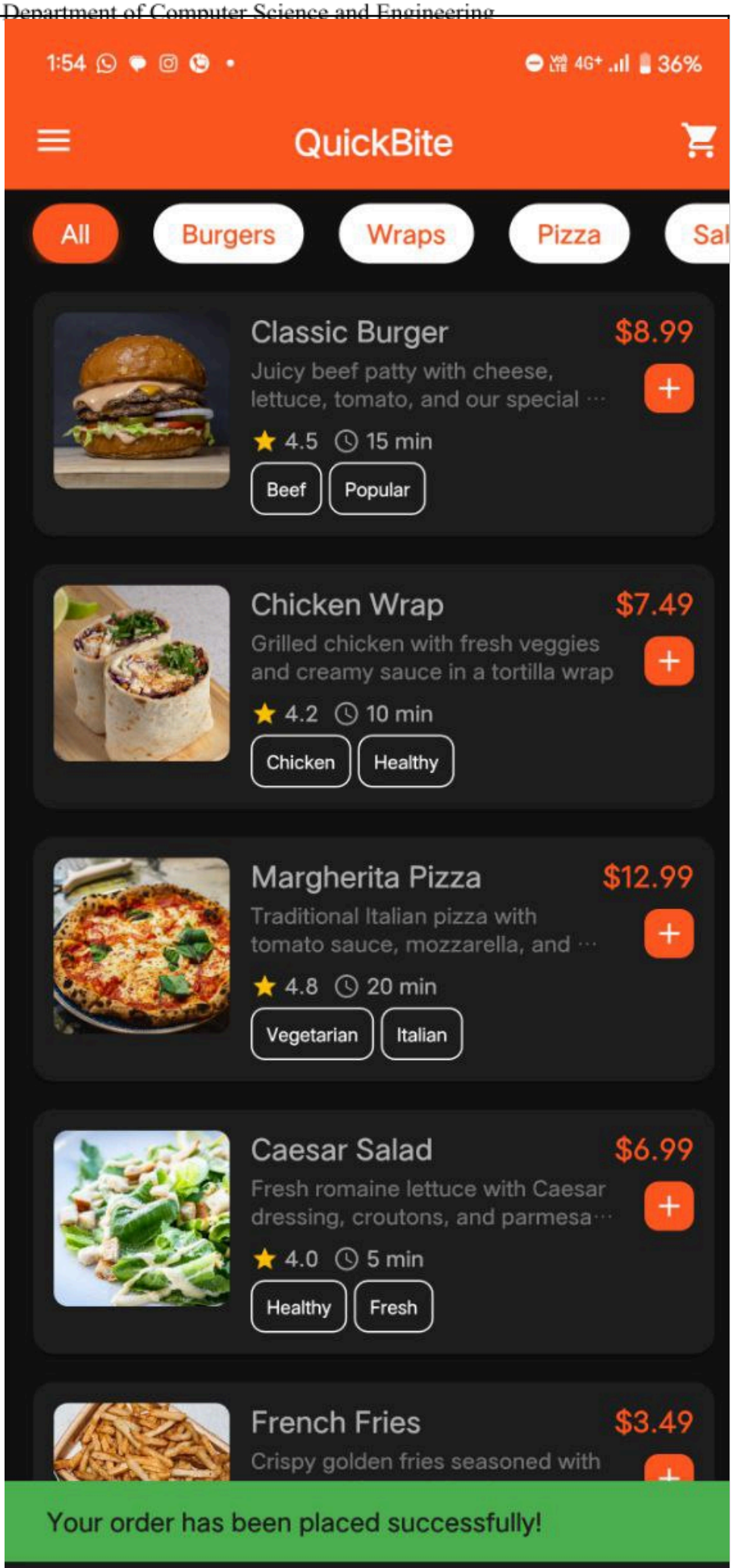
Ingredients

Premium ingredients used to ensure the best taste and quality.


1:53
36%
Search Menu
Classic Burger
$8.99
Juicy beef patty with cheese,
lettuce, tomato, and our special ···
4.5
15 min
Beef
Popular
bur
but
burg
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l
z x c v b n m


1:53
36%
Your Cart
Chicken Wrap
$7.49
1
Order Summary
Subtotal
$7.49
Delivery Fee
$2.99
Tax (10%)
$0.75
Total
$11.23


1:53
36%
Checkout
Order Summary (1 items)
1x Chicken Wrap
$7.49
Total
$11.23
Delivery Details
Full Name
Phone Number
Delivery Address
Payment Method
Cash on Delivery
Credit/Debit Card
PLACE ORDER


1:54
36%
QuickBite
All
Burgers
Wraps
Pizza
Classic Burger
$8.99
Juicy beef patty with cheese, lettuce, tomato, and our special ···
4.5
15 min
Beef
Popular
Chicken Wrap
$7.49
Grilled chicken with fresh veggies and creamy sauce in a tortilla wrap
4.2
10 min
Chicken
Healthy
Margherita Pizza
$12.99
Traditional Italian pizza with tomato sauce, mozzarella, and ···
4.8
20 min
Vegetarian
Italian
Caesar Salad
$6.99
Fresh romaine lettuce with Caesar dressing, croutons, and parmesa···
4.0
5 min
Healthy
Fresh
French Fries
$3.49
Crispy golden fries seasoned with
Your order has been placed successfully!

Question and Answers	Answer the following Questions: **1. 60-30-10 Rule Usage:** In the application, the 60-30-10 rule was applied to maintain a visually appealing color balance. 60% of the UI uses a primary color for backgrounds and major sections, 30% uses a secondary color for headers and cards, and 10% uses an accent color for buttons, icons, or highlights. This rule helps in creating a clean and professional design without overwhelming the user. **2. New UI Elements Used:** To enhance the UI, new elements like ClipRRect for rounded corners, Stack for layering widgets, and CustomPaint for drawing shapes were used. Additionally, modern Flutter widgets like ExpansionTile, ListTile, and BottomNavigationBar were implemented for a more interactive and intuitive user interface. **3. Dependencies in pubspec.yaml:** Essential dependencies include flutter, cupertino_icons, and commonly used ones like provider for state management, http for API calls, and shared_preferences for local storage. UI libraries like flutter_svg or google_fonts are also added to improve visual appeal and customization. **4. Use of Splash Screen:** The Splash Screen provides a brief, branded loading screen when the app starts. It improves user experience by masking initial loading time, introduces the app's identity with a logo or animation, and sets the tone before the user interacts with the main content.
Conclusion	Overall, the application integrates design principles and modern UI elements to ensure a clean, functional, and visually appealing user experience. By following the 60-30-10 color rule, using advanced widgets, managing dependencies efficiently through pubspec.yaml, and incorporating a splash screen for better user engagement, the app delivers both aesthetic value and performance. These thoughtful design and development choices contribute to a polished and user-friendly interface.