DIVE IN DESSERT

COUNT MEMORIES NOT CALORIES

ABSTRACT

- Current pandemic has made everything ‘contact-free’ and online. Our “DIVE IN DESSERT” application menu is what exactly all restaurants and cafes should imply.
- It displays the menu online along with the pictures of the respective dish (dessert). You can log in through your email and password; add desired dishes to the cart and order. It not only reduces physical contact but also gives the customers more time to browse through and is very efficient for placing large orders.
- DIVE IN DESSERT is a very easy to use application for all age groups

INTRODUCTION

- Menus have a history of 260 years and now more restaurants are revising menus and starting to use digital menus.
- Digital menus have not been of more use than today, due to the pandemic
- It displays the menu which has variety of desserts with the pictures of that respective desserts. A few categories would namely be: Cheesecakes, Cakes, Pastries, Macaroons etc

- You can enter the app through your email and password and then proceed to use the menu
- Helps guest with special needs in the food and makes it easy to specify
- Reduces human error in the menu taking process
- Makes it easy for bulk order taking.

LITERATURE SURVEY

- Digital Menu assimilates lots of structure of hotel industry such as Ordering System Kitchen Order Ticket (KOT), Billing System, Customer Relationship Management system (CRM) together
- “Are digital menus really better than traditional menus” Elsevier Journal of Interactive Marketing Volume 50, May 2020, Pages 65-80l menus the mediating role of consumption visions and menu enjoymen
- “The role of dynamic digital menu boards on consumer decision-making and healthy eating” Anicia Peters, Iowa State University

SOFTWARE REQUIREMENT SPECIFICATION

1. **Flutter SDK:** Flutter is an open-source UI software development kit. It has its own rendering engine, a rich set of ready-made widgets, unit and integration testing APIs
2. **Dart:** Dart is a programming language designed for client development, such as for the web and mobile apps.
3. **Android Studio:** Android Studio is a new Android development environment based on IntelliJ IDEA. It provides new features and improvements over Eclipse ADT
4. **Operating System:** An Operating System (OS) is an interface between a computer user and computer hardware.

HARDWARE REQUIREMENT SPECIFICATION

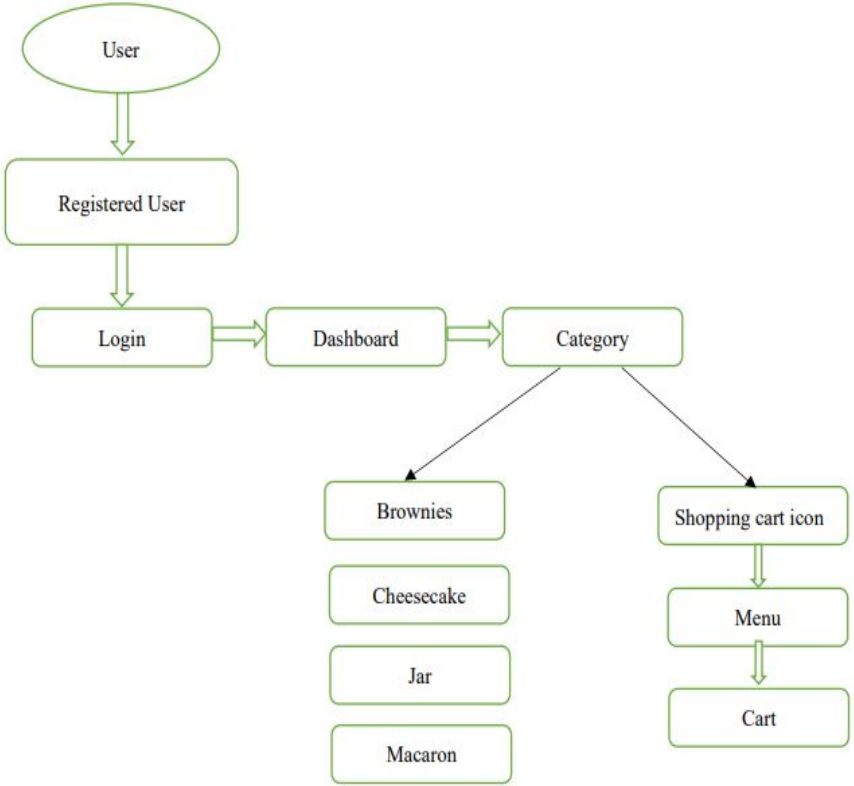
1. LAPTOP
2. MEMORY
3. USB CABLE
4. ANDROID PHONE
5. INTERNET CONNECTION

SYSTEM DESIGN

Flutter:

- The rough equivalent to a View is a Widget.
- Flutter's widgets are lightweight.
- Flutter includes the Material Components library.
- Flutter widgets are built using a modern framework that takes inspiration from React.
- The runApp() function takes the given Widget and makes it the root of the widget tree.
- Flutter apps can include both code and assets
- Flutter uses the pubspec.yaml file, located at the root of your project, to identify assets required by an app.
- screens and pages are called routes. In android known as activity and in IOS known as ViewController

5.2 User Flowchart



5.1 Admin Flowchart

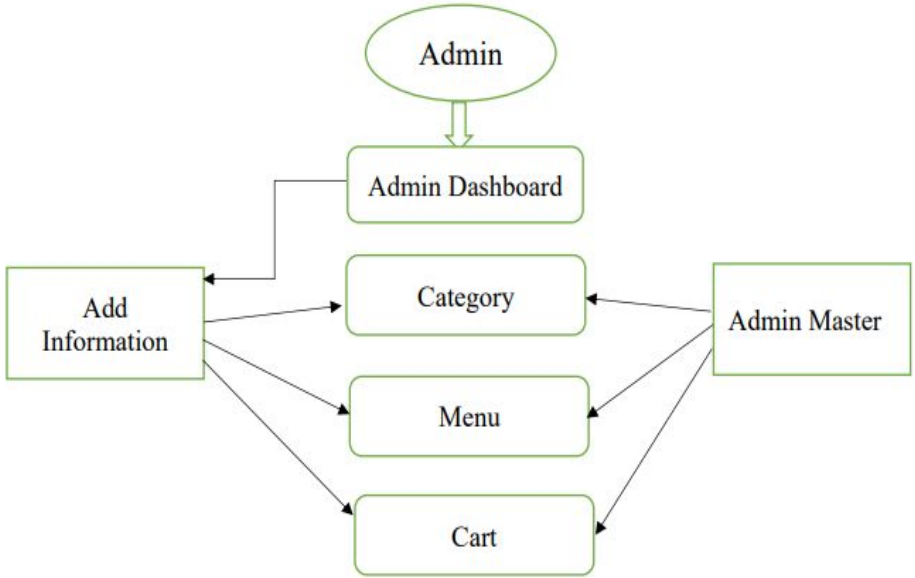


fig:6 Adminflowchart

IMPLEMENTATION

Algorithm steps:

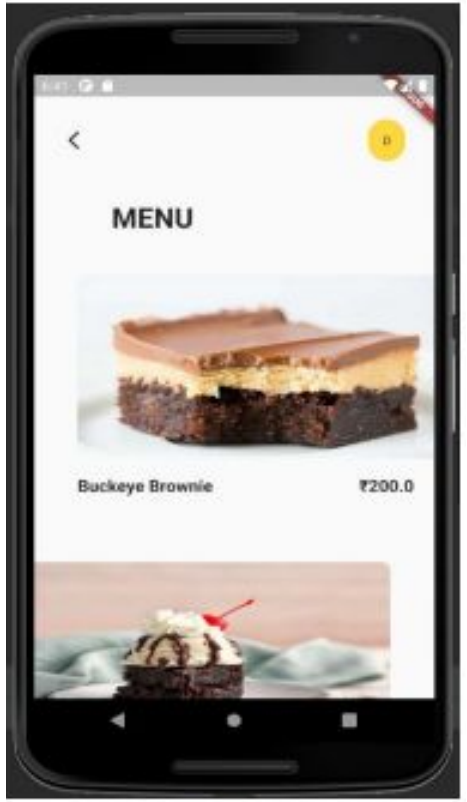
STEP 1: START
STEP 2: Register with the app
STEP 3: Login with the app
STEP 4: The user interacts with the App User Interface.
STEP 5: User can view the category of desserts which is provided by our app.
STEP 6: User can switch to menu screen by clicking the shopping cart icon.
STEP 7: User can select the dessert items on menu screen by just clicking on the items provided in the list
STEP 8: User can switch to cart screen and view the total and items that have added.
STEP 9: User can click on confirm order.
STEP 10: END.

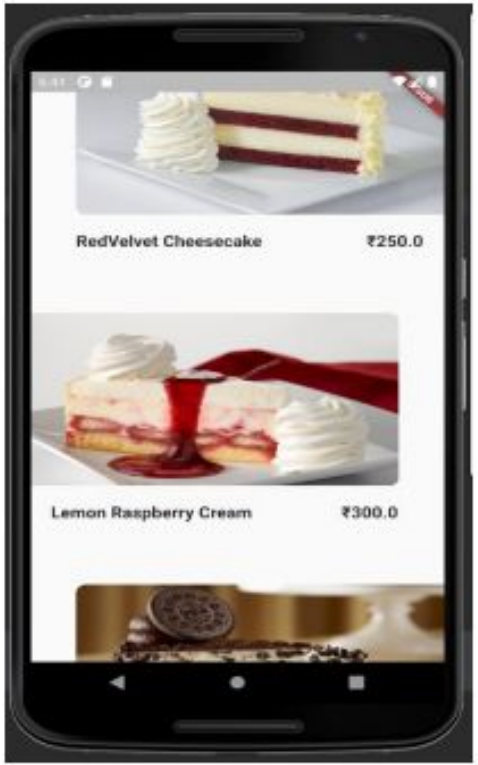
RESULTS

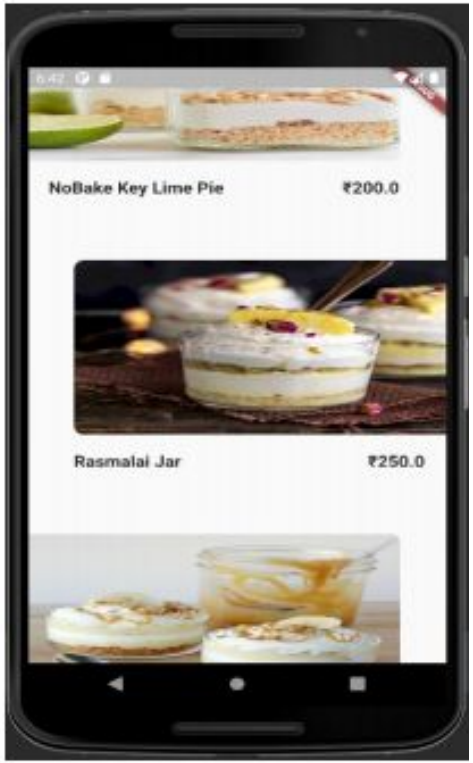
Results and Screenshots:

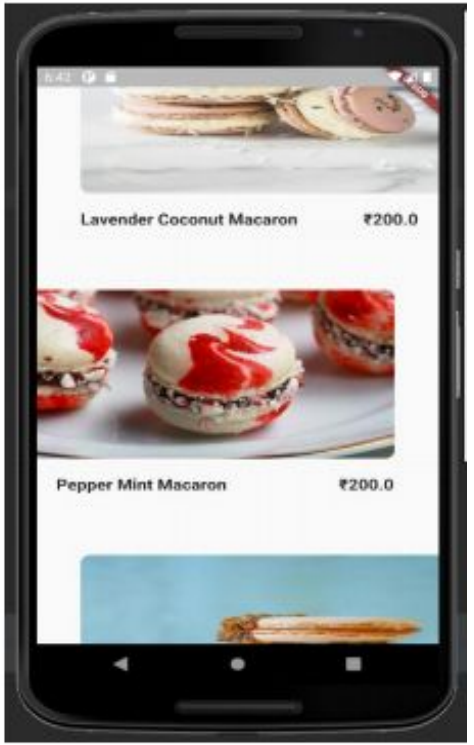

DASHBOARD
Dive In Dessert

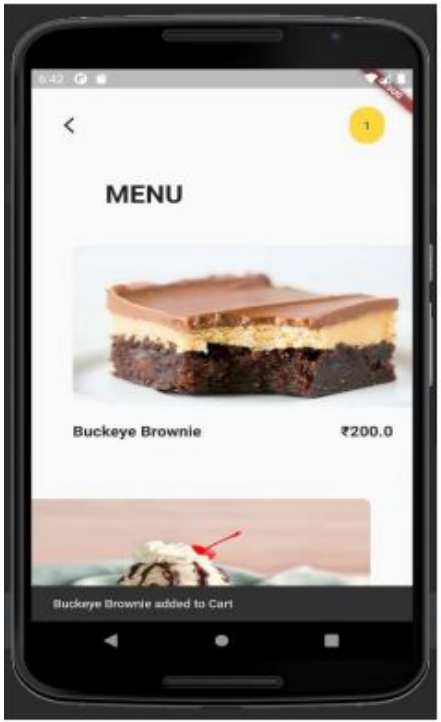

Category
Brownies
Cheese Cakes
Jars
Macaron

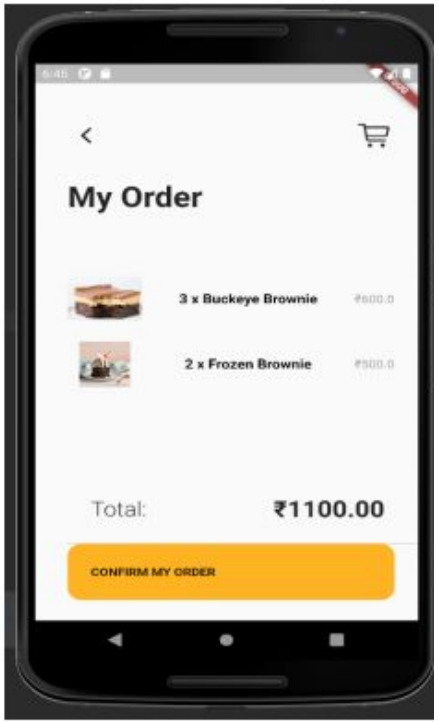

MENU
Buckeye Brownie
₹200.0


RedVelvet Cheesecake
₹250.0
Lemon Raspberry Cream
₹300.0


NoBake Key Lime Pie
₹200.0
Rasmalai Jar
₹250.0


Lavender Coconut Macaron
₹200.0
Pepper Mint Macaron
₹200.0


MENU
1
Buckeye Brownie
₹200.0
Buckeye Brownie added to Cart


My Order
3 x Buckeye Brownie
2 x Frozen Brownie
Total:
₹1100.00
CONFIRM MY ORDER

CONCLUSION