

INTRODUCTION

1.1 Overview

A snack ordering app is a mobile application that allows users to browse, select, and order snacks from a variety of options. These apps typically have a user-friendly interface, with clear images and descriptions of the available snacks, as well as information about pricing and nutritional value.

Overall, snack ordering apps provide a convenient and efficient way for users to order their favorite snacks, without the need to visit a physical store.

1.2 Purpose

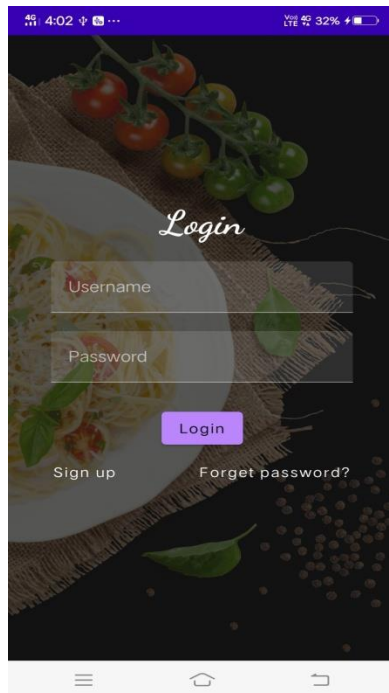
The primary purpose of a snack ordering app is to provide users with a convenient and easy way to order snacks from a variety of options. By using a snack ordering app, users can avoid the hassle of going to a physical store or waiting in long lines to purchase their favorite snacks.

PROBLEM DEFINITION & DESIGN THINKING

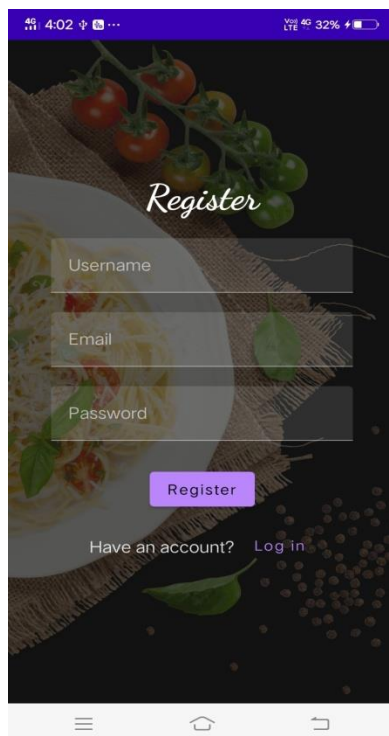
2.1 Empathy map

RESULT

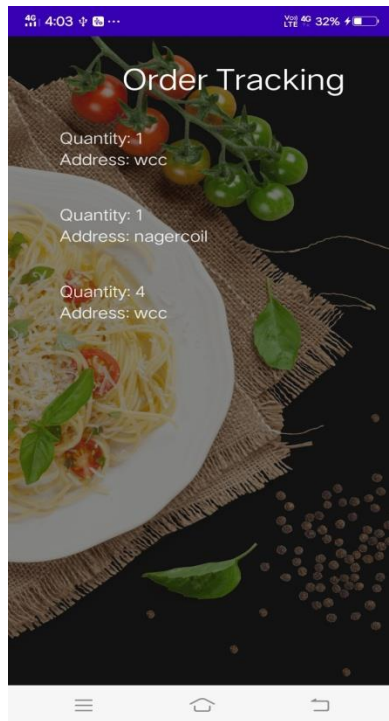
Login Page:



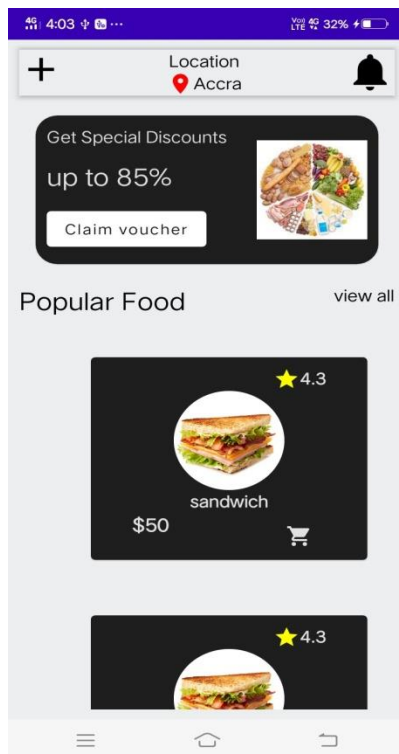
Register Page:



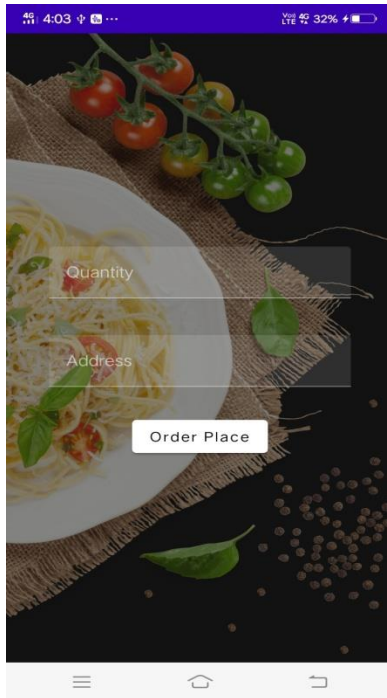
Admin Page:



Main Page:



Order Page:



ADVANTAGES & DISADVANTAGES

Advantages:

- **Convenience:** Users can order snacks from anywhere, at anytime using their mobile devices.
- **Wide range of option:** Allowing users to browse and select snacks that meet their specific preferences and dietary restrictions.
- **Efficiency:** Ensures that users receive their snacks in a timely manner.
- **Loyalty rewards:** Providing users with discounts or other incentives for frequent use of the app.

Disadvantages:

- **Delivery fees:** Some snack ordering apps may charge delivery fees, which can increase the overall cost of ordering snacks.
- **Technical issues:** Snack ordering apps can experience technical issues that may prevent users from placing orders or accessing the app.
- **Limited options in certain areas:** Snack ordering apps may not be available in all areas, or may have limited snack options in certain regions.

APPLICATION

A snack ordering app can be used in various scenarios, such as:

- **Workplace:** Employees can use the snack ordering app to order snacks during breaks or for meetings.
- **Events:** Event organizers can use a snack ordering app to preorder snacks for attendees, ensuring that they are ready and available when needed.

CONCLUSION

In conclusion, a snack ordering app can be a valuable tool for businesses and customers alike, offering a convenient and efficient way to order and manage snack orders.

FUTURE SCOPE

The future scope of a snack ordering app is promising, as there is an increasing trend towards online and mobile ordering in the food industry. Here are some potential developments for the future of snack ordering apps: Integration with other services,

Personalization and customization, Artificial Intelligence and automation, Virtual reality and augmented reality.

APPENDIX

A.Source code:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/fast_food"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/Theme.SnackOrdering"
        tools:targetApi="31">
        <activity
            android:name=".RegisterActivity"
            android:exported="false"
            android:label="@string/title_activity_register"
            android:theme="@style/Theme.SnackOrdering" />
        <activity
            android:name=".AdminActivity"
            android:exported="false"
            android:label="@string/title_activity_admin"
            android:theme="@style/Theme.SnackOrdering" />
        <activity
            android:name=".LoginActivity"
            android:exported="true"
            android:label="SnackSquad"
            android:theme="@style/Theme.SnackOrdering">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity
            android:name=".TargetActivity"
            android:exported="false"
            android:label="@string/title_activity_target"
            android:theme="@style/Theme.SnackOrdering" />
        <activity
            android:name=".MainPage"
            android:exported="false"
            android:label="@string/title_activity_main_page"
            android:theme="@style/Theme.SnackOrdering" />
        <activity
            android:name=".MainActivity"
            android:exported="false"
```

```
        android:label="MainActivity"
        android:theme="@style/Theme.SnackOrdering" />
    </application>
</manifest>
```