

Eat-Up Food Delivery

Progress Report

Submitted by
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Under Guidance of
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towards partial fulfillment for the award of the degree of

MCA

in

Dept. of COMPUTER APPLICATION



INTEGRAL UNIVERSITY, LUCKNOW
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COMPANY PROFILE



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About Innovitt Global:

Innovitt Global was founded in the year 2016 in Lucknow. Our objective is to combine creativity and experience to develop and deliver quality information solutions. We have always been at the leading edge of driving innovation in the offshore development industry. Our record is at adding value to our services through reduced time to market, high quality, and technologically innovative processes. Satisfied clientele across the globe bears testimony to the quality and reliability we provide at competitive costs.

Being an offshore development company, we recognize the need for our employees to be proficient with communication, working in close collaboration with offshore clients. We hire qualified professionals from reputed engineering and management institutions with proven records of software development. The work platforms are maintained using expert professional advice to help the team deliver accurately.

Innovitt Global has a well-knit team comprising of over 50+ self-motivated professionals including Project Managers, Programmers, iPhone Developers, Android developers, Blackberry Developers, Web Developers, Graphic Designers, Online Marketing Professionals, SEO guys, and Webmasters to take care of development and maintenance of projects.

INTRODUCTION



With the rapid development of information technology, web application and Android application have been increasing in recent years. Compared with the desktop application, the advantage of the Android application:

- Mobile application is convenient to carry
- Global partnerships and large install base
- Powerful development framework
- Open marketplace for distributing apps

Based on the advantages, I motivated myself to develop an android application for the cloud kitchen-cum-food delivery services.

The online food ordering system sets up a food menu online and customers can easily place the order as per they like. Also with a food menu, online customers can easily track the orders. The management maintains customers' database, and improve food delivery service. The restaurant management systems motivate us to develop the system.

TECHNOLOGY USED

Hardware Used:

- Processor: Intel Core i5 (Sixth Generation)
- Storage: 8GB
- RAM: 8GB
- Display: 1280 x 800

Software Used:

- OS: Windows 10 Home
- IDE: Android Studio v4.0
- Language: Java, XML
- Database: Google Firebase

MINIMUM REQUIREMENTS

The following requirements are for running the developed application at user-end.

Hardware:

- Processor: Qualcomm 434
- RAM: 512 MB
- Storage: 8 GB
- Display: 768 x 1024 pixels

Software:

- Operating System: Android Lollipop v5.0

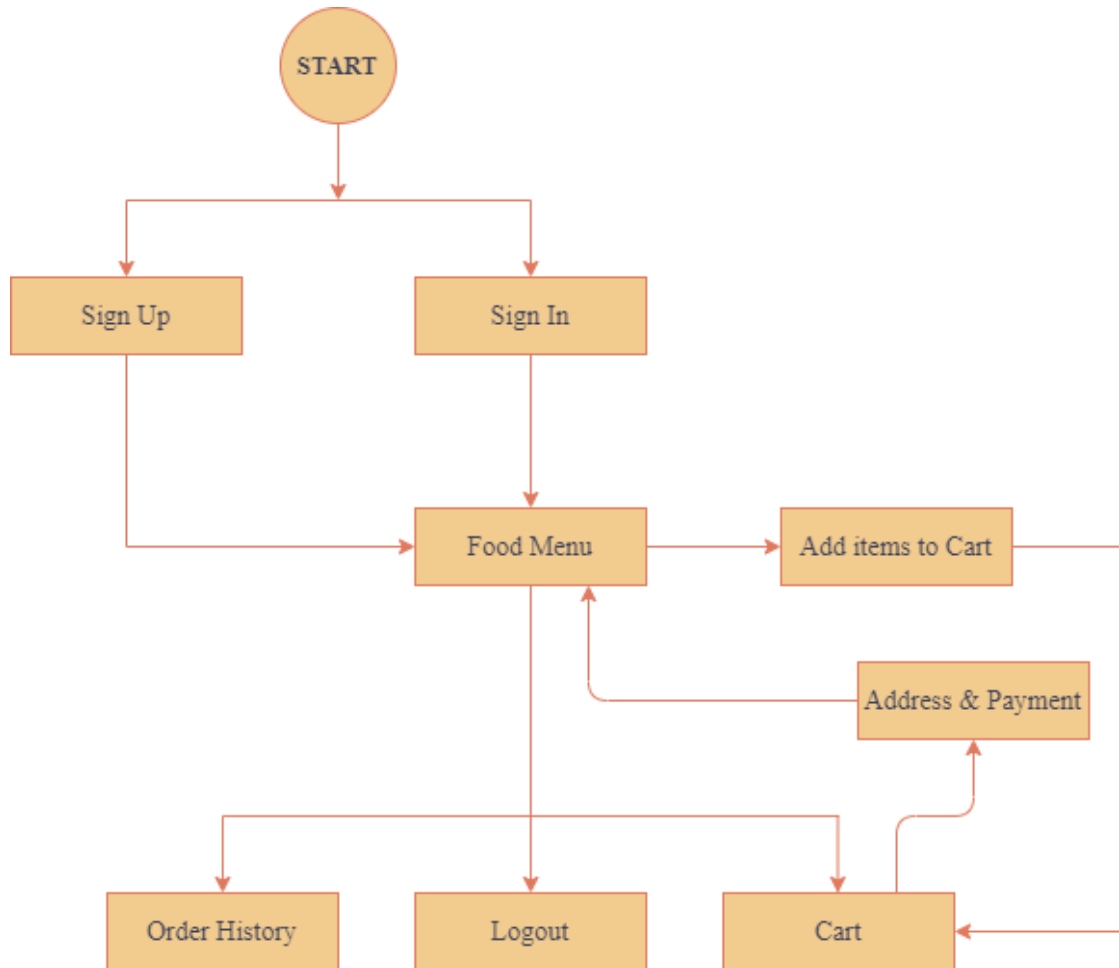
MODULE DESCRIPTION

- **Admin Module:** This will be a stand-alone app for the admins to manage and update the app content that'll be visible to the customers.
 - i. **Update Food Menu:**
To add/remove food items from the food category and description.
 - ii. **Update Food Delivery Status:**
To update status whether food is delivered or not.
 - iii. **Authentication and Login Management:**
Authenticates the admin credentials.
- **Customer Module:** This is also a different stand-alone app for the end-users.
 - i. **Food Menu:**
To view the available foods with their description, and add them to the cart.
 - ii. **Order History:**
To view the previous orders made by customers.
 - iii. **Cart:**
View or remove items from the cart and proceed to payment.
 - iv. **Authentication and Login Management:**
Account creation and authentication services.
- **Firebase Module:**
This provides the real time database for the application. It is a NoSQL type, JSON-based database.

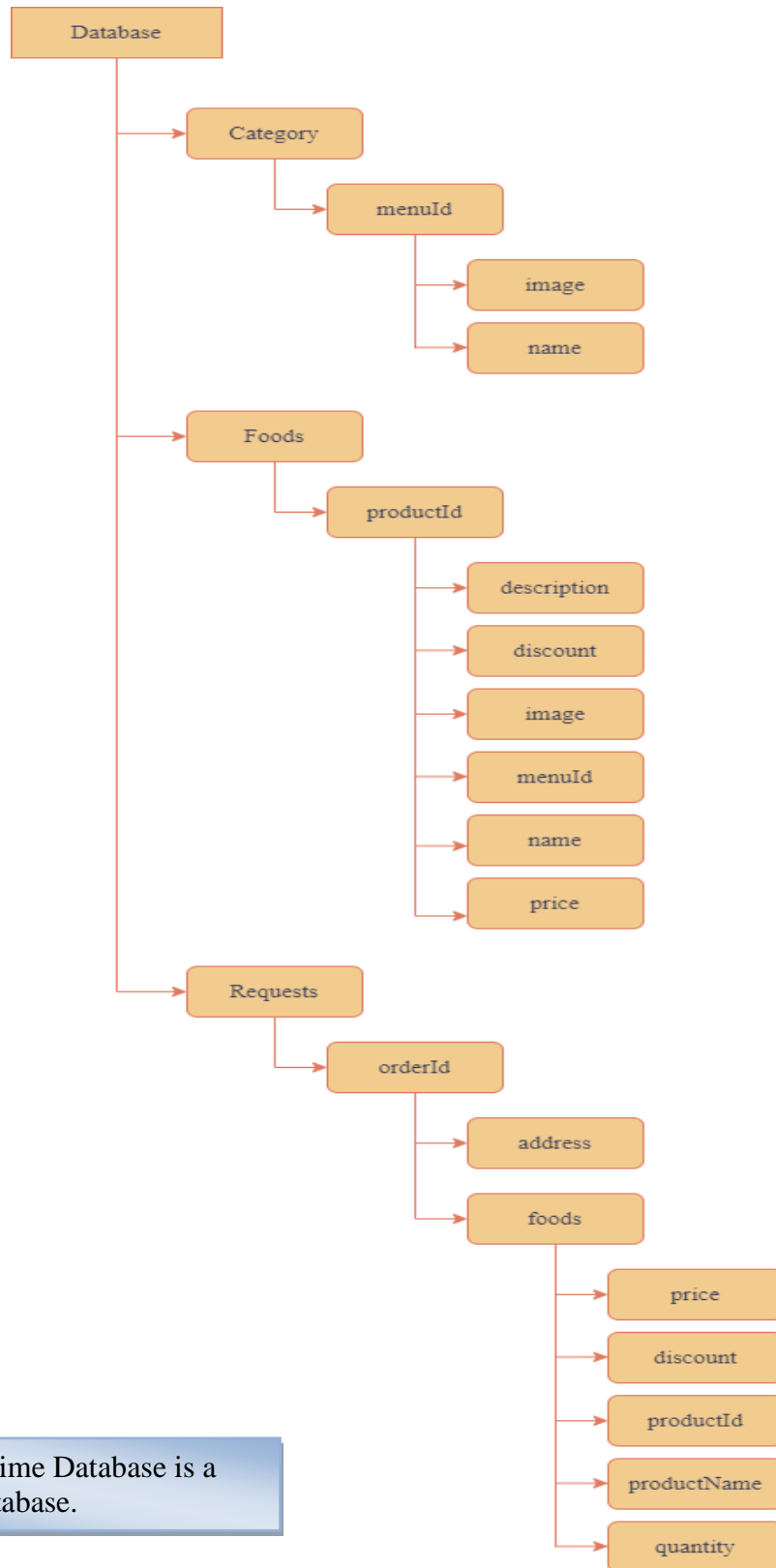
MODULE COMPLETED (till now)

- **Customer Module:**
 - i. Authentication and Login Management
 - ii. Food Menu
 - iii. Order History
 - iv. Cart
- **Firebase Module**

ACTIVITY FLOW DIAGRAM (Customer App)

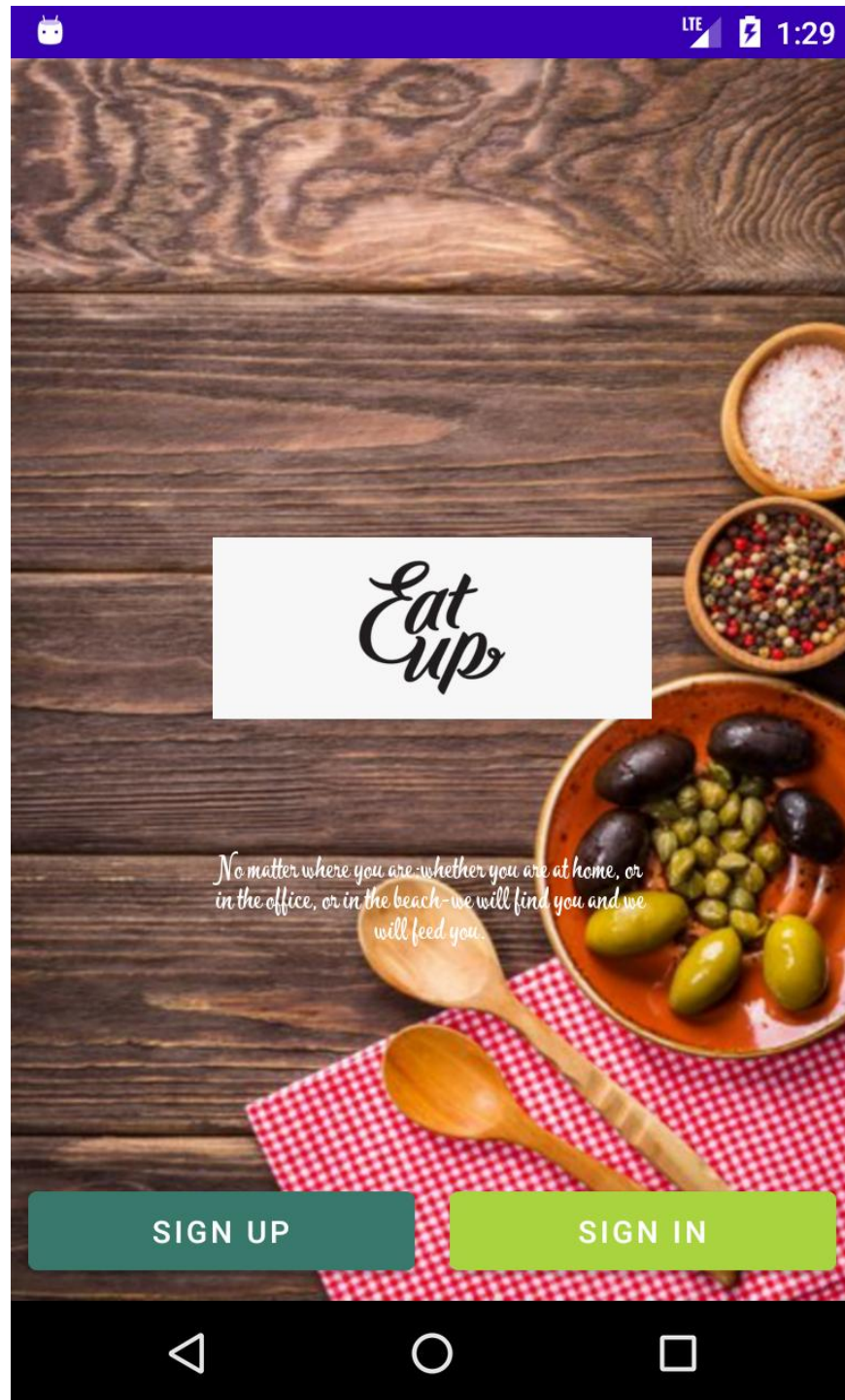


DATABASE DESIGN

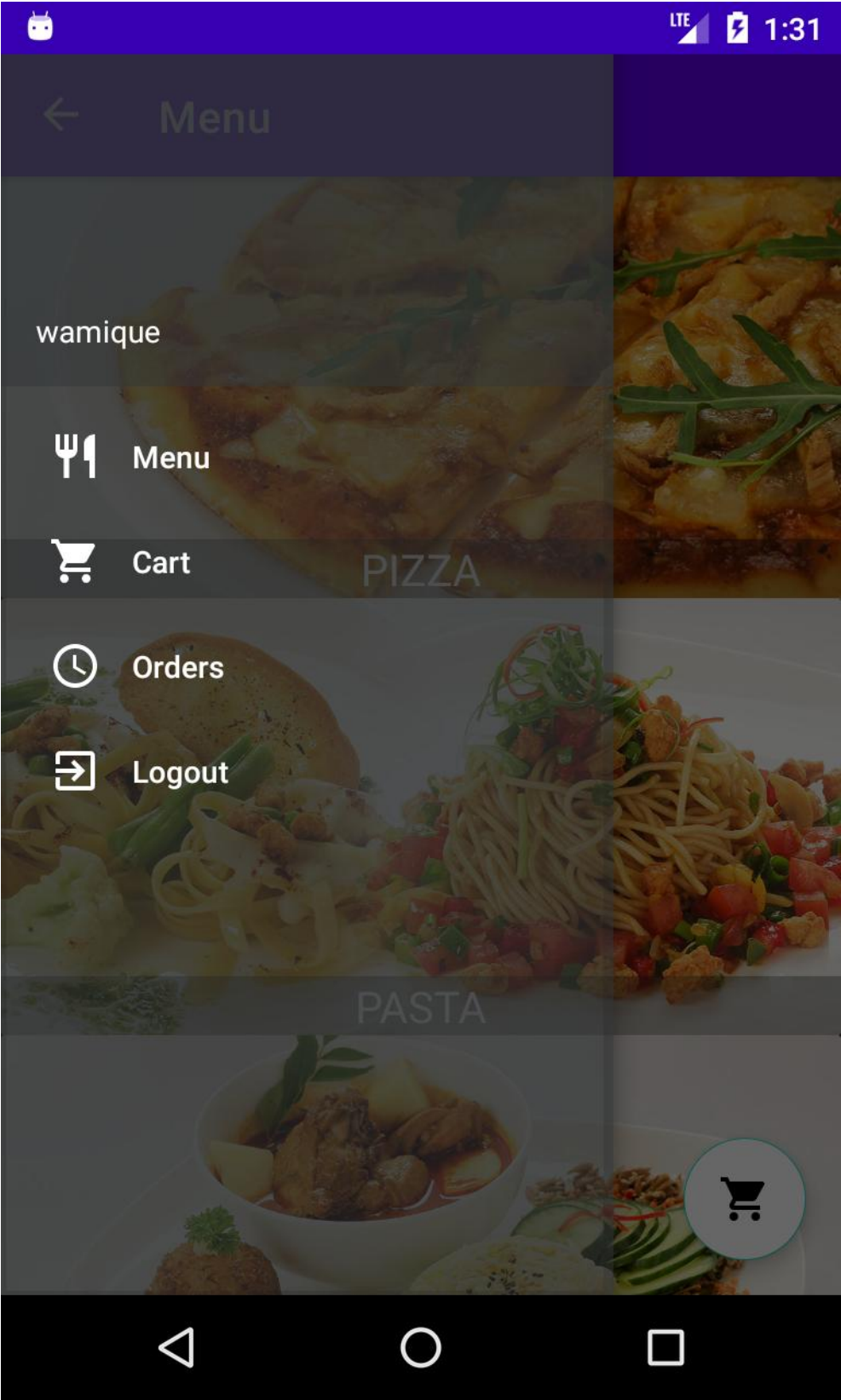


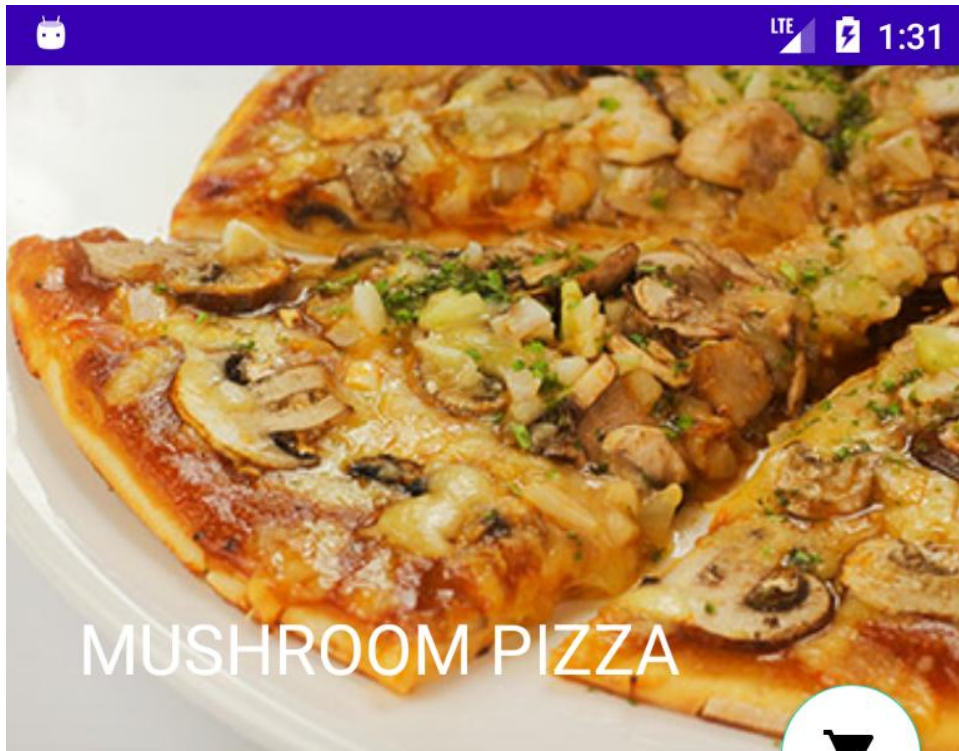
Firebase Realtime Database is a JSON type database.

SCREENSHOTS









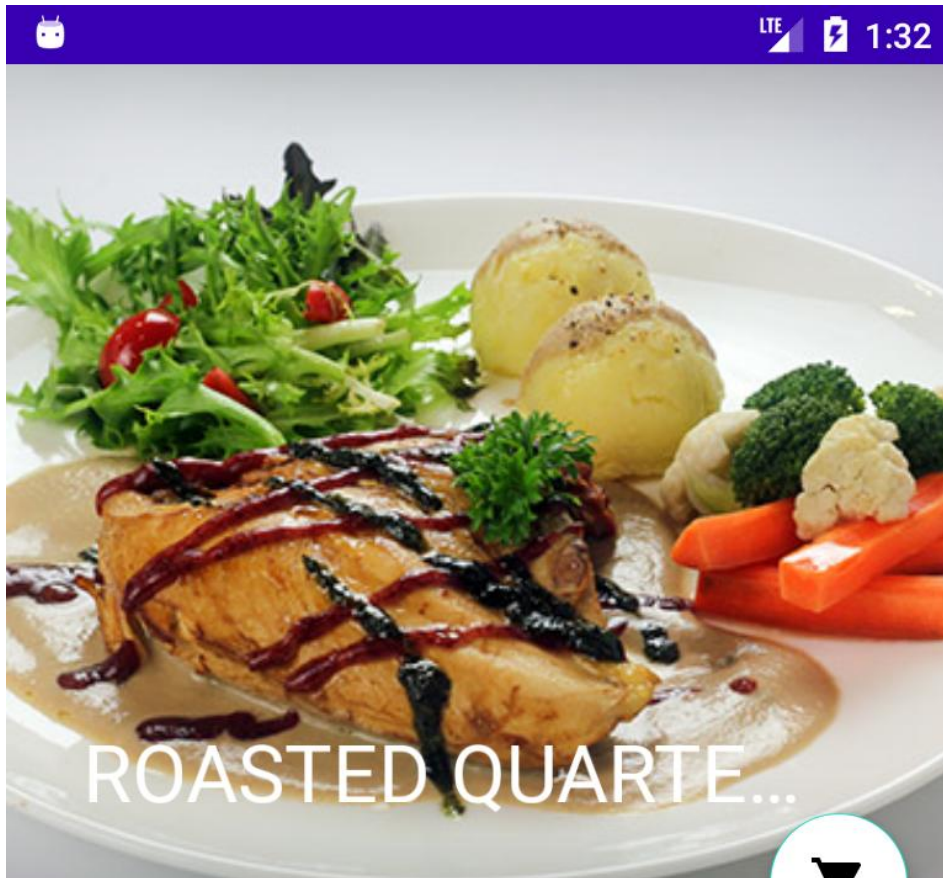
MUSHROOM PIZZA

₹ 1000

- 2 +

Mushrooms and onion Added to Cart





ROASTED QUARTER CHICKEN

₹ 1000

- 2 +

Served with mushroom gravy, cranberry & mint sauces





LTE



1:39

MUSHROOM PIZZA

₹ 2,000.00

2

ROASTED QUARTER CHICKEN

₹ 2,000.00

2

Total : ₹ 4,000.00**PLACE ORDER**



LTE 1:39

MUSHROOM PIZZA

₹ 2,000.00

2

ROASTED QUARTER CHICKEN

₹ 2,000.00

2



One more Step!

Enter Your address:

NO

YES

Total : ₹ 4,000.00

PLACE ORDER



CONCLUSION

The application is being developed by implementing the concepts of OOPS which reduces the complexity involved in maintaining it. The administrator required only sound technical knowledge about maintaining or updating the database. Any further enhancements in the application will be undertaken by the developer.

The application is light-weight which takes less storage space and also it can be used on various Android distributions versions.

The factors that guarantee the application's availability include correct and proper input details. Also the major resources and services used for project development are of Google & IntelliJ.

For its future scope, the application can be expanded by integrating other features and facilities like grocery and dairy products shopping and can be scaled easily for greater number of users.