

# OneBanc Assignment

House of Product | Technical Assignment | iOS | Experienced

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v1.01

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## Problem Statement – To build a Restaurant Application

### Screen 1 (Home Screen)

The Home screen of the application will have the following segments:

- **Segment 1:** Cuisine category cards in a horizontal scroll form with a view of one card at a time i.e., **Horizontal Infinite Scroll on both sides**. For example, cuisine categories are North Indian, Chinese, Mexican, South Indian and Italian.
  - Each cuisine category card will have the following data
    - Image and name of the cuisine
    - Card needs to be in rectangular shape with rounded corners
    - Both sides swipe enabled.
    - On tap move to screen 2.
- **Segment 2:** Top 3 famous dishes of the restaurant. Here, dishes will be in tiles format.
  - Each dish will have the following set of data
    - Image, price and rating of the dish
    - Option to add same dish multiple times
- **Segment 3:** Cart button to go to Screen 3
- **Segment 4:** Language selection button with support of switching between Hindi and English.

### Screen 2 (Select cuisine to order)

The entry point of this screen is cuisine selected on the home page. This screen will have a list of dishes particular to that cuisine category.

- Each dish will have the following set of data
  - Image and price of the dish.
  - Option to add same dish multiple times.

### Screen 3 (Cart Screen)

This screen will have the cuisines selected to be ordered.

- First segment will have the list of cuisines selected by the user
- Net total amount of the dishes
- CGST and SGST of 2.5 % each
- Grand total (sum of net total and tax)
- Button to place the order

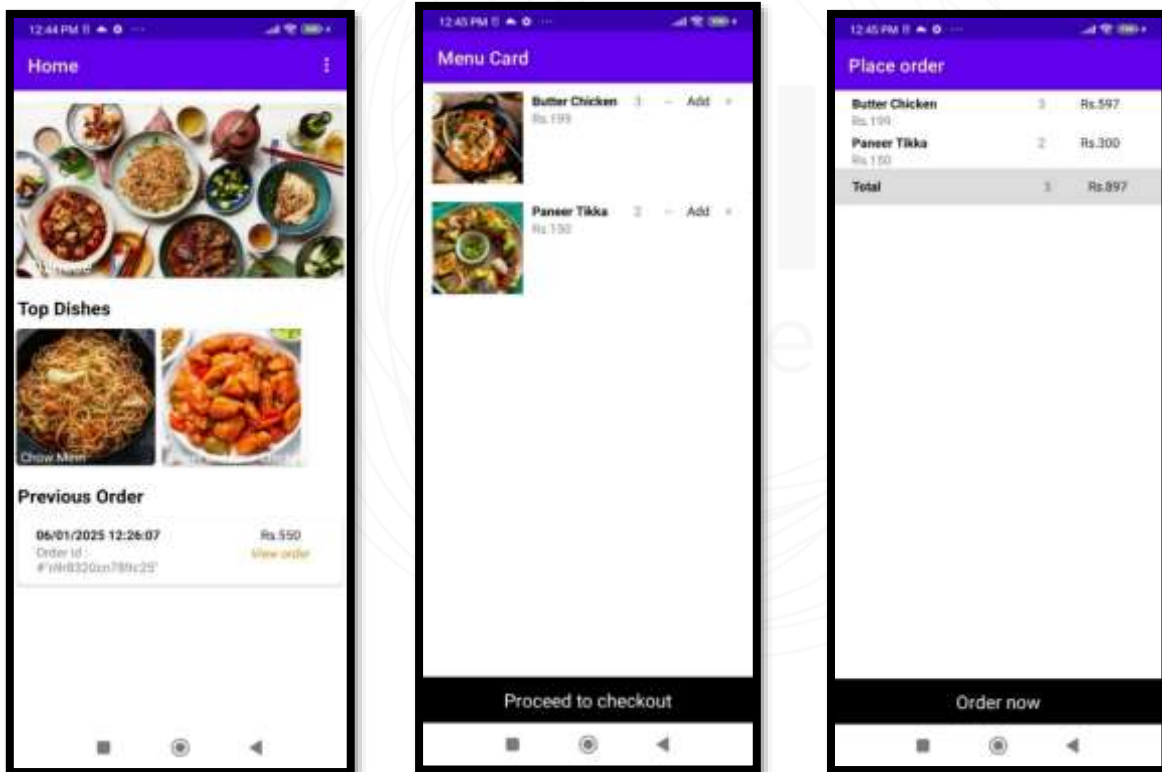
## Points To Remember –

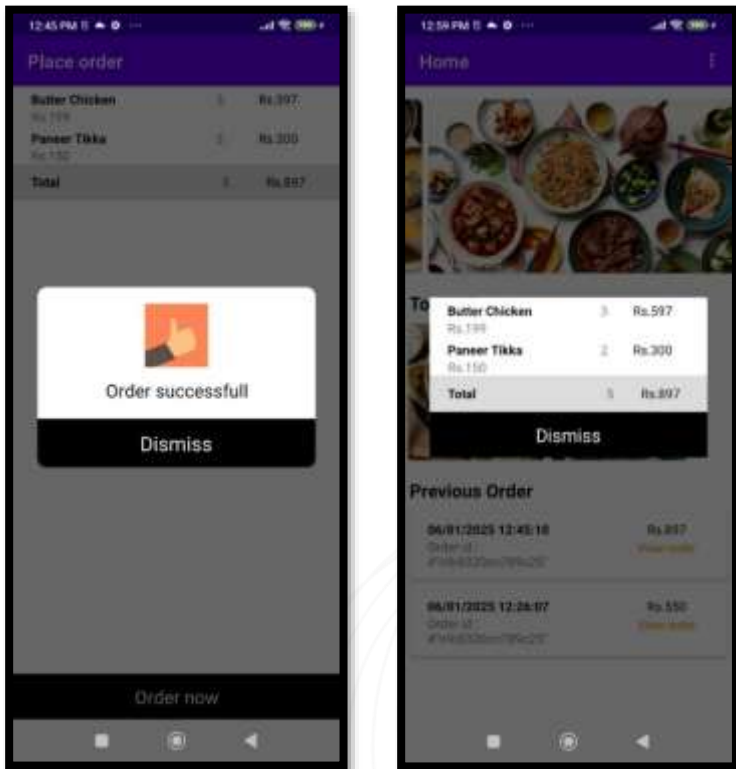
- Use native technologies to build the application i.e., **no use of third-party library**.
- Do not use storyboard to create UI of the application. Construct the UI programmatically.
- **Use the given APIs to populate data.**

- **Consider sample UI screenshots that are more interactive and visually clear. You can think of additional ways to make the UI more engaging and user-friendly**
- **Advanced Architecture:** Implement **MVC/MVVM** design pattern (ViewModel + LiveData)
- **API Integration:** Robust error handling, **pagination/infinite scrolling**, and **batch API requests** for data efficiency.
- **Testing:** Write **unit/UI tests**, ensure high-quality code.
- **Advanced Security:** Implement **SSL/TLS**, **AES encryption**, and **OAuth/JWT authentication** for secure user data handling and transactions.
- **Efficient Searching:** Debouncing
- **Logging:** Proper logging of any user journey, exceptions and how can we upload these logs to server

## Sample Screenshots -

Kindly find the sample screenshots for your reference below:





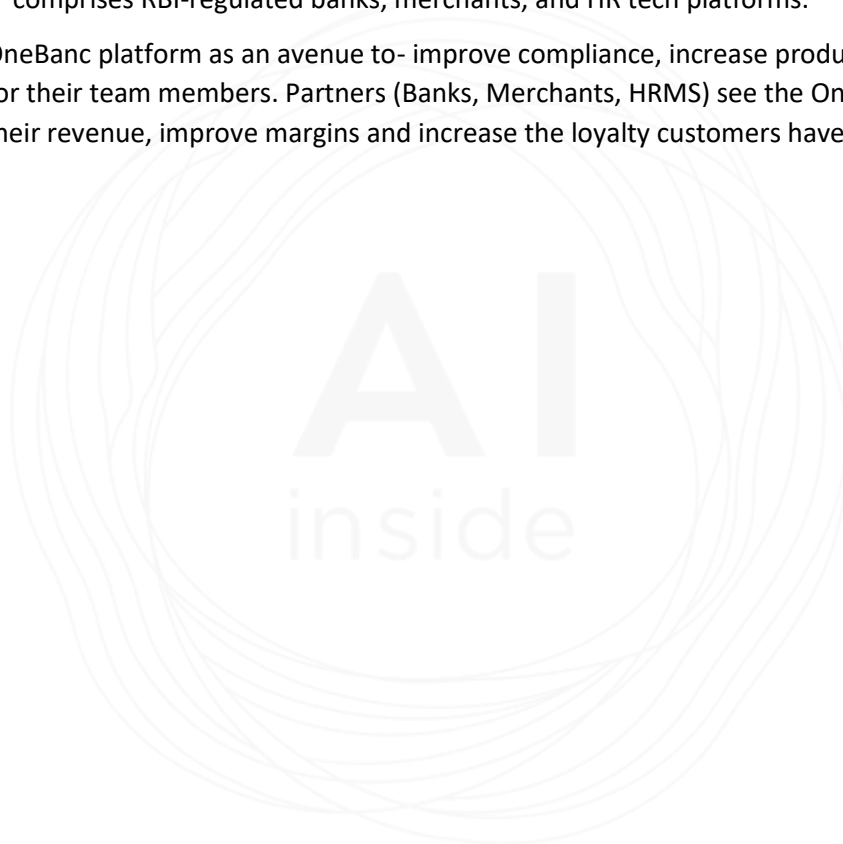
Please feel free to reach out if you are getting stuck anywhere or have any questions. 😊

## About Us

OneBanc is a neobank, building the economic infrastructure for the workforce of India. The idea of OneBanc started when a young girl asked Vibhore, a serial entrepreneur, why the money in her piggybank never grew. Adopting this philosophy of #DemandMore, OneBanc connects enterprises, banks, and HR Tech platforms to enhance value for all stakeholders. The core team has proven their vision and executive prowess in CoCubes - a complete assessment solution for students and institutes, which was acquired by Aon. They are now building the squad to enable FinTech revolution of the future.

OneBanc is building a digital, AI-enabled ecosystem that focuses on delivering a personalized banking experience to white-collar professionals in India, which is valued at \$87 billion and is projected to grow at a CAGR of 12%. The 'OneBanc Ecosystem' comprises RBI-regulated banks, merchants, and HR tech platforms.

Corporates see the OneBanc platform as an avenue to- improve compliance, increase productivity, and deliver #FinancialWellness for their team members. Partners (Banks, Merchants, HRMS) see the OneBanc platform as an avenue to increase their revenue, improve margins and increase the loyalty customers have towards them.



### Reach Us

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