Documenting Project Requirements

# **“Bingee Application For Ordering Baking Ingredients”**

List of members:

Trần Đức Chiến – HE130327

Bùi Minh Khôi – HE141771

1. **Introduction**

This document aims to describe the requirements of project

1.1 Purpose

Baking is somewhat intriguing but the preparation process is rather tedious. That why we create “Bingee Application For Ordering Baking Ingredients”. The objective of the system is to create a mobile environment allows customers to order baking ingredients and furnitures through internet connection.

1.2 Technical Specifications

- IDE: Android Studio

* Language: Java , XML
* Database: SQLite, Firebase Realtime Database, Firebase Storage
* Design : Material Design
* Platforms : Android

- Github

1. **Functions**

* Splash Screen: The first screen users will see the moment they open the installed application.
* Onboarding: In the first time users run the app, these screen will appear after the splash screen, and will not be displayed the second time
* Sign Up: You can use the application normally, but having an account will improve the convenience of your transaction. It will be displayed after you click the sign-up button of the loading screen
* Login: If you have an account, you can choose to login by phone number and password
* Menu Navigation Bar: Mostly displayed in the top left corner of every screen, this navigation bar helps you navigate other function of the application.
* View categories: Play the role of this application home screen, it will displayed all the categories avaiable.
* Product list: Selecting a categoy will be redirected to a selectable product card list reserved to selected category
* Product detail: After selelcting a product card, the screen will display detailed information about said product
* View Product information detail: After selelcting a product card, the screen will display detailed information about said product
* Add to Cart: This function will add item in user’s cart
* Buy now: Adds item in user’s cart and redirects user’s to check out screen
* Undo function for Add to cart
* Search product: Type a keyword to the text field and items which names match the keywords in text field
* Cart: Contains items selected by “Add to cart” function
* View Cart: Displays user’s cart
* Delete item in cart
* Clean cart: Remove all items in cart
* Adjust product quantity
* Undo function for delete item and clean Cart
* Checkout: When user is ready for transaction, click “Checkout” button to begin
* View order information
* Edit order information: Requires user to fill in personal info, address, payment method
* Place order: After user fill in information and choose their payment method, click “Place order” to send the order to the database
* My Account: A screen that has these following functions
* View and edit Profile: All user’s information are displayed in this screen
* Track order: Track transactions prerformed in the past. The screen will display the selected-by-user order information.
* View order detail: View the detail of said order.