**Scenario**: Valcorton, an Auckland based start-up tech company, intends to develop a mobile application for their business. The company's primary objective is to develop a smart mobile app solution that allows users to create a new account, sign-in to the app, update his/her profile, share their own recipes, find food recipe, saved or favourite recipe, and get recommendation and suggestions for the trending recipes. Users can also view the food’s ingredients, nutritional value, and dietary preferences.

**Company Details:**

• Name: Valcorton Ltd.

• Address: 240 Queen Street, Auckland CBD, Auckland 1010

• Phone Number: 09 827 6101

• Email: valcorton.tech[@gmail.com](mailto:Rangers.Auckland@gmail.com)

**Project Estimate**: Approx. $30,000

**Project Time Period**: Approx. 13 weeks

If the user is not logged in to the application but still want to use the application, the tabbed navigation should become available to them with the following tabs:

• Trending recipes (side scroller)

• Suggested recipes

• Categories

• Search function

If the user has successfully logged in to the application, the tabbed navigation should become available to them with the following tabs:

• Search function

• Trending recipes

• Categories

• Latest updates to account

• Sign out button (to be redirected to guest home page)

The application should have the following screens:

• **Welcome/ Splash Screen** – once the user opens the application the following components will show up

## Screen components

o Get Started

o Sign in

o Sign up

• **Guest Home Screen** – once the user clicks the ‘Get Started’, the guest home screen will show which will shows the following:

## Screen components

o Trending recipes

o Suggested recipes

o Categories

o Search function

▪ tagged words

▪ categories suggested

• **Sign In Screen**– through this screen existing users sign in to use the application.

## Screen components

o Logo

o Sign in Details (email, password, sign in with google, etc., -other option)

o Sign in Button (to go to Member Home page)

• **Sign Up Screen** – new customers will be able to create an account in the application with the help of this screen.

## Screen components

o Create account

▪ Name

▪ Date of Birth

▪ Country

▪ Username

▪ Password

▪ Email address

▪ Submit button (to be redirected to the user preference page)

o Sign up with google, Facebook, etc.,

• **User Preference Screen** – customers will be able choose their preferences to personalize the future suggestions with the help of this screen.

## Screen components

o Recipe preferences

o Food Allergies

o Dietary preferences

o Advertisements

• **Categories Screen** - on this screen, all the cultural/traditional dishes, available and suggested categories will be shown

## Screen components

o Suggested Categories

▪ Dinner

▪ Lunch

▪ Sweets

▪ Desserts

▪ Breakfast

o Cultural/Traditional dishes

▪ Chinese

▪ Indian

▪ etc.,

▪ Filipino

o Seasonal Trends

• **Category Specific Screen** - on this screen, collection of recipes that are part of the selected category will be shown

## Screen components

o Dish images

o Dish names

• **Member Home page** - - on this screen, the following components will be shown

## Screen components

o Search function

o Trending recipes

o Categories

o Latest updates to account

o Saved recipe list

o Submit own recipe button

o Member’s photo (to go to profile)

• **Member Profile** Screen - this screen gives the user the following

## Screen components

o List of submitted recipes

o Favourites/Saved recipes

o Activity

▪ Comments

▪ Feedback

o Preferences

o Comments

• **Custom/Submission Recipe Screen** - with the use of this screen, customers can make new recipe and submit it to share to other users

## Screen components

o Dish image

o Dish name

o Dish description

o Dish ingredients

o Cooking method/procedure

o Categories

▪ Key words

o Submit button

• **Recipe Screen** - with the use of this screen, customers can view the dishes recipe

## Screen components

o Rating

o Share recipe on social media

o Dish image/video

o Dish details

o Dish ingredients

o Method

o Save recipe button

o Comments/Questions

• **Focused mode Screen** - with the use of this screen, customers can view the dishes recipe and see the step-by-step process for creating the dish

## Screen components

o Instruction

o Ingredients

User profile, credentials, dish recipe, categories, suggestions and rating data must be stored in a local/online database.