

Vanier College
420-431-VA

Term Project Final Report

Emmy Ea
Jonathan Dimitriu

Project Description

Our term project is a mobile application for a pizza store. It is an online experience for ordering pizza with toppings.

Functional requirements

- Registration
- Login
- Order pizza with/without toppings
- Apply coupon & coupons list
- Checkout
- Locate store
- Contact Us
- Background music

Non-functional requirements

- Snackbars and toast messages for errors
- Slider instead of check boxes
- Contact email

User Stories

	As a	I want to	So that	Test criteria
	Buyer	Able to register my email and password	I can login into the application	Checking that passwords entered by the user match and are at least 6 characters long.
	Buyer	Login safely and securely using the email and password	I can access the application using the correct credentials	Checking that the values entered by the user matches with the values in the Firebase authentication. And showing a toast message to confirm successful login or unsuccessful.
	Buyer	Be able to close background music	I can mute the background music	Clicking on the volume icon and hearing if the song no longer plays.
	Buyer	Be able to access menu	I can access the different directories of the application	Verifying that each menu icon displays and redirects the user to the proper activities.
	Buyer	Select a pizza type	I can pick a pizza type by clicking on grid layout images of the available pizzas	Checking that each pizza is clickable, displays their names properly and redirects the user to their respective order pages.
	Buyer	Place an order of pizza with toppings	Construct my pizza. By choosing its size and toppings using a slider for size and checkboxes for toppings	Verifying that by clicking order, all pizza sizes and toppings are saved into the Firebase real time database.

Buyer	Get total before placing an order	I can see my total before I place an order	Verifying that the total is displaying on the TextView.
Buyer	View my pizza orders on my cart	I can see my ordered pizzas before checkout	Checking that the cart displays all the list of pizzas added within the Firebase real time database.
Buyer	Get total of all pizzas	I can order more than one pizza and get their total	Verifying that the total TextView reflects the total amount of all pizzas in the Firebase real time database
Buyer	Apply a coupon to my total	I can get a discount on my purchase	Verifying that coupon discounts are applied to the total. And displaying on the TextView.
Buyer	View coupons	I can see a list of coupons to use	Checking that coupons are displayed
Buyer	Locate the stores using my location	I can locate the nearest store from my location	Verifying that when a user inputs their location and destination, they are shown a google maps guide.
Buyer	Contact the pizza store by their phone number	I can call the pizza store	Checking that clicking the store number, users have access to the phone dial.
Buyer	Able to access the stores social media websites	I can view social media websites for the pizza store	Verifying that by clicking on the FAB, users are directed to a website.

Individual roles and responsibilities

Frontend & Backend: Emmy Ea

Backend & Testing: Jonathan Dimitriu