

AlbuQuirky

AlbuQuirky Team Overview

Team Members	Github	LinkedIn
Tyler Baum	https://github.com/AugmenTab	https://www.linkedin.com/in/thebaum/
Ricky Garcia	https://github.com/rickyG08	https://www.linkedin.com/in/rickyg08/
John Jaramillo	https://github.com/John-Jaramillo	https://www.linkedin.com/in/john-jaramillo-5172521b3/
Justin Kelly	https://github.com/Jkelly97	https://www.linkedin.com/in/justin-kelly-1070311b6/

Introduction & Description

AlbuQuirky is an online art gallery for Android devices. Artists, crafters, builders, and creators of all sorts in the Albuquerque area can use it to display and offer for sale the things they make to other Albuquerque residents. It will also serve as an online showroom for their creations in perpetuity.

This app was conceptualized as a response to concern for independent artists in Albuquerque. Old Town is an iconic location in this city, and there are always dozens of independent crafters and artists lined up along the streets and walkways of Old Town displaying and selling their work, as well as countless small shops doing the same. COVID-19 hit fast and hard, and with seemingly no end in sight, it's hard to imagine how these creators are able to get their products into the hands of those that wish to buy them. *AlbuQuirky* was intended as a solution to this problem, allowing local crafters a platform through which they can sell their goods.

After creating an account, users will be able to create galleries for their art. For those so inclined, they will also be able to offer these art pieces for sale. Buyers are also able to commission artists for unique custom pieces, and each artist can specify a number of waitlist slots for commissions, which the app will keep track of and notify the next user "in-line" to have their commission reviewed by the artist for consideration. For those that have sold a product, the app will allow the seller to choose how the buyer will receive their purchase ‐ either by parcel shipping through UPS and/or FedEx, or

via delivery by the artist or pick-up by the buyer, with delivery scheduling and fulfillment confirmation by both parties handled in the app.

Intended Users

- People who like to sell things in flea markets or on the street, but are unable to due to COVID-19.
- People who want accountability and security when dealing with customers or selling services.
- People who want to be able to provide supporting products to the things they sell.
- People whose products are too cumbersome to display publicly.

Technology and Framework

Back End

- Ubuntu Linux OS
- MySQL
- JRE 8
- Spring/Hibernate
- Digital Ocean
- OAuth 2.0 - Google Sign-in

Front End

- Android API 29
- ReactiveX
- Retrofit
- Google Play Services

