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Saint Leo University

Mobile Application Development COM-437-OL01

Professor Igbonagwam

**BlueZone**

“Augason Skate Analysis”

<https://github.com/NoahAugie/COM-437/wiki/BlueZone-Application:-Home>

**Project Description**

BlueZone is a mobile app that helps skaters explore and evaluate skateparks around the California Bay Area. It offers information that matters both to experienced skaters and to families with young children. Users can browse a list of skateparks, view photos, check terrain types, and read short reviews. As a father of two young daughters who are both learning to skate, I created BlueZone to support both adult skaters and parents looking for safe, welcoming parks. Whether one is looking for bowls or just wants a clean place to skate with kids, my app aims to help.

My project blends personal experience with practical mobile development. I skate regularly with my two daughters, and we visit parks across the Bay. BlueZone will reflect that mix of adventure and safety, offering a balanced view of each park’s features.

**Problem Being Addressed**

Most skatepark apps are outdated, hard to use, or lack meaningful filters. They often miss the kind of detail a parent or skater needs. BlueZone addresses the gap. It will focus on specific things skaters and parents care about.

Is the park clean? Is it safe? Is it more street or transition? Is it good for kids? Are the bowls in good shape? These are questions that come up in real conversations, not just online reviews. BlueZone helps answer those questions quickly, and all in one place.

**Platform**

* Android mobile phones
* Native Android development using Android Studio
* SDK and emulator for testing
* Designed for mobile usability with clear touch targets and simple navigation

**Front-End and Back-End Support**

**Front-End:**

* User interface built with standard Android XML layouts
* Use of scrollable lists, image views, and navigation buttons
* Clean layout optimized for readability outdoors

**Back-End:**

* No live backend for this version
* All park data stored locally in a simple array or JSON file
* Photos included in the build package or loaded from a basic directory
* Ratings and reviews will be pre-filled with static content

**Functionality**

* View a scrollable list of Bay Area skateparks
* Each skatepark shows name, location, photo, and a basic summary
* Tap on a park to open full details including:
* Terrain type (street, bowl, vert)
* Cleanliness
* Safety for young children
* Structural condition
* Family score
* Tap a button to open directions in Google Maps

**Design Summary**

* App Launch Screen
* Displays BlueZone name and “BZ” logo.
* Simple “Enter” button to view parks
* Main List View
* Scrollable cards showing each park’s name, photo, and rating
* Park Detail View
* Full details about park features and condition
* One button to open Google Maps
* Data Storage
* Simple data set preloaded into app
* No live user submissions or cloud sync