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Mobile Application Development COM-437-OL01

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Android App Project Outline

**Project description**

I want to develop a crime watch application, specifically targeting my country.

**Problem Addressing**

Crime is increasing in the Bahamas, there is a need to report these crimes. Also, Bahamians love to gossip.

**Platform**

Android Studio provides a unified environment where you can build apps for Android phones, tablets, Android Wear, Android TV, and Android Auto. Structured code modules allow you to divide your project into units of functionality that you can independently build, test, and debug.

**Back End Support**

For the backend development of Android apps, developers use a form of JavaScript known as Node. js. This framework, among several other aspects, enables a developer to manage data changes from the frontend and create robust network frameworks capable of handling multiple concurrent user requests.

**Front End Support**

Java. Java is the official platform-specific programming language for native Android android apps. Android is mostly developed in Java, and its APIs are designed to be called from Java.

**Functionality**

The application will use google maps to record the locations of incidents, incidents can be recorded in two ways: Crowd-Sourced or by administrators. There will be a search bar and predetermined search sections.Membership pages: Account, login, logout, registration, etc.

**Design**

Please see pdf attached.