SFWR 3XA3: Problem Statement

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Many people using their camera application on their Android mobile devices encounter issues where a certain functionality may be inaccessible as it is difficult to find, use or simply does not exist. ~~This could be because the functionality is difficult to find, use or simply does not exist.~~ Often, we can see that users tend to prefer external applications such as Snapchat, Instagram and TikTok. ~~for a camera because of the features and functionalities that make it more accessible towards the user's needs.~~ While these external applications each have their own unique feature that can fulfill a specific user requirement, they still do not provide a well rounded solution to the problem. The team is focused on creating a one-stop application that gathers all the desired functionalities of the user.

OpenCamera is an open source camera application that allows users to capture photos outside of the stock Android camera app by providing a simpler UI. However, this software does not include many of the key functionalities that a user may want from their camera. Our goal is to modify the Open Camera application in a way to entice more users to use the application for all their capturing needs while maintaining a clean user interface.

The stakeholders include any user that requires accessible features in their camera application, ~~as well as a clean UI for their day-to-day capturing needs~~ mostly evolved around young adults and teenagers . In addition to users, stakeholders include our

clinets which in our case consists of Dr. Bokhari and the TAs. ~~More specifically, the stakeholders devices are limited to OpenCamera compatible versions of Android (4.0 and later).~~ The optimal environment for the application requires a Camera Enabled Cell phone, running Android 4.0 or later.