

## Project Overview

Continue development of a mobile app for The Dolphin student newspaper. The app requires some testing and upgrades. Additional design features like a database will be developed and implemented. The app should be readily available for download and compatible with most Android devices.

## Requirements

Mandatory requirements are stated using *shall*, while optional requirements are stated using *should*. The requirements are in no particular order, but they are numbered for easy reference.

### ***Functional***

1. The app shall work on android and IOS devices.
2. The app shall have tabs that allow the user to navigate through by touching the desired tab.
  - 2.1. Home Tab
    - 2.1.1. The app shall allow users to view the dolphin website
    - 2.1.2. The app shall allow the user to click on a link to rate or leave a review about the article
  - 2.2. Search Tab
    - 2.2.1. The app should allow the user to search for an article
  - 2.3. Bookmarks Tab
    - 2.3.1. The app shall allow the user to save articles to read later.
  - 2.4. Profile Tab
    - 2.4.1. The app should allow the user to sign in.
3. The app should have a loading screen on start up.
4. The app shall have a local database using sqlite.
  - 4.1. The app shall be able to store, update and delete data in a local database.
  - 4.2. The app should have a separate database from the app to send information

### ***Non-functional***

5. The app should only display information related to the Dolphin Newspaper for security purposes.