



#### *HotComm Mobile Application*

##### *Objective*

The development of this application will assist members of the marching band students access critical files used for learning their Show Drill. In addition to this, there is possibility to roll out incremental features such as social media integration, including but not limited to: facebook, youtube, and periscope.

##### *Use Cases:*

1. As a user, I want to be able to select a pdf file for viewing
2. As a user, I want to be able to access updated versions of files from

##### *General Workflow:*

1. **User** opens the app and is greeted with an intro screen
2. **User** selects a menu (or a tabbed option) to view a list of available files
3. The **application** will check if it is on wifi/mobile data and download accordingly based on the download settings/preferences.
4. The **application** will download a xml file from the server (if the download settings/preferences allow it)
  - a. This xml file will be used to version and update any files, dynamically
  - b. Respective files will be updated if their version number differs (less than) from the version in the xml file
  - c. Any new files will be downloaded into local storage
5. **User** will choose a file for viewing in a pdf compatible viewer
6. **User** return to the application to view another file or access other functionality

Android repository: github → /sanchezg7/HotComm