Android Screen Capture

Screen capturing is required for each assignment. Options depend on the device you are using.

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# Pixel

Make sure your Pixel phone has been updated to Android 10, and Developer Options has been enabled.

1. Open the Developer Options menu.
2. Locate and select Feature Flags.

This screen will load a list of variables that can be enabled and disabled.

1. Look for “settings\_screenrecord\_long\_press”.
2. Enable the setting with the toggle button to the right.

Screen recording is handled through the power menu by a “long press”.

1. Press and hold the power button.
2. Tap and hold **Screenshot** on the menu that pops up.
3. Choose **Start Recording** to begin recording your screen.

A warning window will pop up to remind you that *everything* will be recorded during the session, including private information that you may not want to be recorded, be advised.

Once you have finished recording, drag down the notification tray and tap “stop”. The system will process the recording, automatically saving it to the devices **“Movies” directory**.

# Samsung

1. From the home screen, swipe down to access the **Quick Panel** and select **Screen Recorder**.
2. Choose your preferred **Sound settings**, then tap **Start recording**.
   1. A countdown will appear before recording begins
   2. After the countdown, a small menu appears giving you options to:
      1. Edit
      2. Share
      3. Stop

When you are finished recording, press the **Stop** button on the Screen Recorder menu that appeared after the countdown. Alternatively, you can press the Screen Recorder button in the Quick Panel.

Pay attention to the warning message when selecting Sound settings, it reminds you that *everything* will be recorded, including private information that you may not want to be recorded, be advised.

Your recorded video file will automatically be saved to the devices **“Videos” directory**.

# 3rd Party Apps (FREE)

There are several screen recorder apps on the Play Store that are highly rated and free that you may choose to use instead of the built-in. Some have ads and in-app purchases, some are ad-free; all of them have common bugs and reported problems, so if one doesn’t work, try another. User discretion.

Common problems:

* Video fails to save after recording
* Lags the application you are trying to record
* Fails to record audio (at all or improperly)

A common problem when recording AR:

* When activated with the AR app open, the AR session is sometimes rebooted, losing plane tracking and object pose
  + I found it best to start recording before opening the app

Example 3rd Party Apps (Free):

* [Screen Recorder – No Ads](https://play.google.com/store/apps/details?id=com.kimcy929.screenrecorder) (but more likely to be buggy)
* [AZ Screen Recorder – Video Recorder, Livestream](https://play.google.com/store/apps/details?id=com.hecorat.screenrecorder.free) (ads and in-app purchases, but nice screen overlay menu, more options)