# Building APK:

Required Unity Version: **2019.4.17**

Unity Scenes to build(in the respective order): scenes/**ModeSelect** (needs to be first), scenes/**RecipeList**, scenes/**CookNow**, scenes/**CustomRecipe** ,scenes/**Record**

# Running APK:

Equipment:

* Google Cardboard
* Android Smartphone with android version 7 or higher
* Controller: VR30 Gamepad & Remote <https://www.amazon.com/dp/B01NAPASM1/ref=cm_sw_r_u_apa_glc_fabc_H1KP4JRHQH0F3JBXBT3F>
* Earphones wired/wireless (use wireless earphone for better, this is necessary to prevent voice recognition from confusing your speech with the audio from video playing in the App)

**Important Note:**

* *After giving permissions it is possible for canvas to not appear in some phones, if that’s the case reopening the app will fix it. This only happens when you permissions for the first time.*

# Unity Scene Flow:

Graphical user interface, diagram

Description automatically generated

# Interaction Techniques by Scene:

## Select Mode:

* Select mode using *Gaze interaction.*
* Adjust Canvas Position using *Controller*

Diagram

Description automatically generated

## Recipe List:

* Select Recipe using *Gaze interaction.*
* Interact with buttons with *gaze interaction.*

## Cook Now:

* Adjust Canvas Position using *Controller.*
* Interact with buttons with *gaze interaction.*
* Voice controls (Speech Recognition) for controlling timer & video controls:
  + Gaze at the bot to give voice commands, an auditory cue will be heard similar to Google Assistant.
  + Any sentence containing following words as substring will work as voice command.
  + Recipe Steps Controls:
    - “Next” or “After” - *Next step in recipe*
    - “Previous” or “Before” - *Previous step*
  + Timer controls:
    - "set timer to \_\_ minute(s) \_\_ second(s)" -> *set timer*.
    - “stop timer”, “stop the timer”, “pause timer”, “pause the timer”- *pause timer*.
    - “resume timer”, “resume the timer”, “start timer” or “start the timer” - *resume* timer.
    - “reset timer”, “reset the timer”-> *reset timer*.
  + Video Controls:
    - “play video”, “resume video” or “play” -> *play video.*
    - “pause video”, “stop video” or “pause” -> pause *video.*

## Enter Recipe:

* Touch Controls

## Record:

* Touch controls