1. RoboCar
   1. <https://www.youtube.com/watch?v=oQs13s7F98I>.
   2. Run the 6 motors from Arduino IDE
   3. Setup wifi/Bluetooth to control the 6 motors from ArduinoIDE
   4. Make a flask server
      1. Python script to control all 6 motors
      2. On IP
      3. All devices should be on the same network
   5. Unity Connection
      1. Make UnityWebRequest
         1. Or a TCPCLient to connect to the flask server address
      2. Run this in a **coroutine**.
2. Share Unity Project:
   1. Download git/github desktop
   2. Create a github account
   3. OR Compress and Upload to a cloud drive
3. Live Streaming Car with Alert
   1. Stream the camera view from car to unity app
   2. Raise an alert on some event
      1. Get the trigger in unity app whenever the event happens
         1. Get an all time connected channel tcpclient or UDP
         2. Mqtt topic : event driven
            1. Create a mqtt topic to /alert
            2. Robot Side Code: publish on the above topic some info whenever sensor reads alert
            3. Unity Side: Subscribe to the above topic

Get notifications or infor whenever something is published

Do what you like with it

If true

Change color to red

* + - 1. Server running on the unity app or the same computer as unity project
      2. All should be in the same network ; same wifi

1. RoboArm
   1. Use serialport System.IO.Ports for wired USB connection to robot arm – Arduino
   2. Use
      1. Python flask server on robot side
      2. Tcp client or unitywebrequest on unity side
2. Demo
   1. Digital Twin creation
      1. Real Robot Arm control
   2. Object Detection
      1. <https://www.youtube.com/watch?v=RQ-2JWzNc6k>
      2. https://ai.google.dev/edge/mediapipe/solutions/guide
   3. AI integration
      1. <https://github.com/undreamai/LLMUnity>
3. Complete youtube course on robot simulator in unity: <https://www.youtube.com/watch?v=xR_DjH5DEKE&list=PLlqdnFs9xNwp-NSEhRPfgFHjUnT1Skfcw>