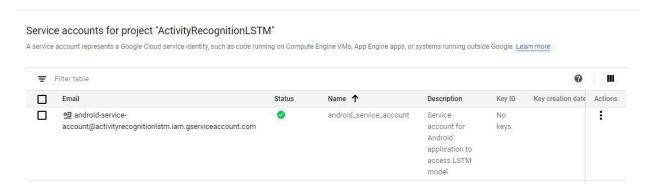
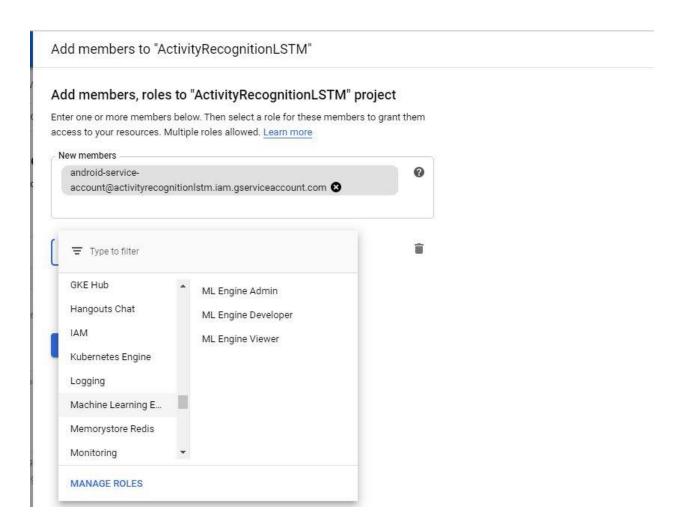
Allowing Android Apps to Access Google Cloud API Services

1. Create a new service account (https://cloud.google.com/iam/docs/creating-managing-

service-accounts#iam-service-accounts-create-console)

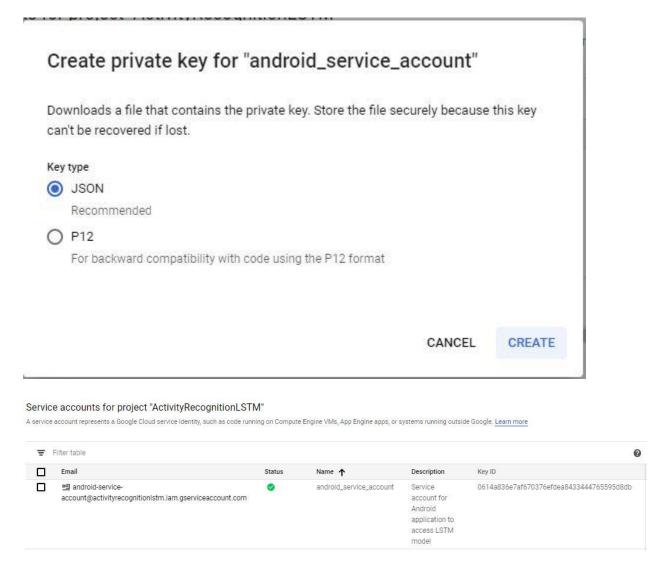


2. During or after creating a service account give the account the correct role (roles/ml.developer). See: https://cloud.google.com/ml-engine/docs/access-control





3. Create a secret key (.JSON file) and store it locally



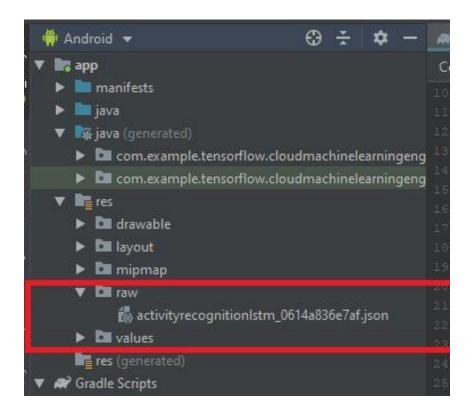
4. Clone the Github repository at this URL for the next steps:

https://github.com/googlesamples/android-

<u>TensorFlowCloudMachineLearningEngineStylizer</u>)

5. Update Gradle file to make it de-bugable and swap 'implementation' for 'compile' in the Gradle dependencies to get rid of error messages (dependencies are a bit outdated, but still appear to be working).

6. Create a 'raw' folder in the res directory of the project and copy the secret key created in step 3 into it.



7. Open the CMLEHandler class file, comment out the lines to get the secret key file inputstream, and add the single line of code to get the jsonCredentials inputstream (see image below).

8. Test app in debug mode to verify that you can connect with the secret key.

