# Task for the post of Android Developer

**Task Timeline: 24 hrs**

1. Create an application based on MVVM architecture using Android inbuilt libraries. The should show the following links in a RecyclerView with possible thumbnail:
   1. <https://www.sample-videos.com/video123/mp4/720/big_buck_bunny_720p_30mb.mp4>
   2. <https://download.samplelib.com/mp4/sample-15s.mp4>
   3. <https://download.samplelib.com/mp4/sample-30s.mp4>
   4. <https://www.appsloveworld.com/wp-content/uploads/2018/10/640.mp4>
   5. <https://www.appsloveworld.com/wp-content/uploads/2018/10/Sample-Videos-Mp425.mp4>
2. There should be a button “Download” on in front of item. When this button is clicked, the video should start download.
3. There should be progress notification in the notification area as well progress bar in the recycler view.
4. Once the video has been downloaded, after clicking it, it should play from the local file. The download button should be changed into “Redownload”. When clicking on Redownload, it should again download the video file.
5. Due to orientation changes (Landscape to Portrait and vice versa), application should not behave abnormally.
6. There shouldn’t be any exceptions or memory leaks, and the task should be completed with the best practices encouraged by Google.