CHAPTER 6
CONCLUSION

This application was run on Android platform mobile devices. The application can turn on/off flashlight by 'torch' ’on ‘off’’ in setFlashMode method based on OOK(On-Off Keying) signal of Level detection method, Therefore, it is clearly seen that visible light communication among Android platform mobile devices with flashlight and camera can be made by using Android application without having to use any additional devices.

The future enhancement for this application would be such that the application will be able to transfer actual data such as documents, images and videos. As light is everywhere and free to use, there is a great scope for the use and evolution of Li-Fi technology. If this technology becomes mature, each Li-Fi bulb can be used to transmit wireless data. As the Li-Fi technology becomes popular, it will lead to a cleaner, greener, safer communications and have a bright future and environment. The concept of Li-Fi is deriving many people as it is free (require no license) and faster means of data transfer. If it evolves faster, people will use this technology more and more.