Chapter 8

**CONCLUTION**

**8.1 Conclusions**

I have developed this system for automation the whole process of LCC. This system is for rural area farmers. This system will tell the farmer if the leaf is far distance from the camera (by 70% > green range). Farmer doesn’t need paper for using this system. If the farmer is online the segmentation process is much simpler, farmer can just take image of leaf on the hand. By this system paddy field is monitored automatically.

**8.2 Drawbacks**

There is some drawback of my system

* Offline mode is not so accurate
* Two individual mode
* No app is made just the system is developed
* Farmer have to capture the image in shade not in full sun light
* Offline mode segmentation mode needs some adjustment

**8.3 Future Works**

This system can be further more improved. There are some improvements are given below

* Making the whole system offline
* Using Tensorflow Lite we can make the whole system offline
* We can make the segmentation process much faster by using Mask CNN Net
* Mobile app with good user interface
* In app assistant for using it properly
* Convert the whole model in Plat buff for mobile device
* Making this system for other crop fields