

## CHAPTER 6

### CONCLUSION

Based on the results of research and development on this project, it can be concluded as follows:

1. With the water flow sensor, users can monitor the water discharge that has been used, which can be seen through Domoticz.
2. Monitoring the volume of water can help in conserving water use.
3. Facilitate the user to automatically fill water in the water reservoir, and user can notice if the water pump machine is on or off.
4. The accuracy of the water flow according to the experiment has a value of more than and less than 4%.
5. Users can lock the gateway remotely and users can also understand if the key is running well or not, which can be monitored through Domoticz.
6. Users also can know the condition of the gate of the house on the open or closed.

The suggestions given in this research and development are as follows:

1. In the next research and development should be able to pay attention to water pressure through water flow sensor.
2. For the recommended laying of the water flow sensor is better vertically, or placed on the flow of the pump engine for more stable water pressure.
3. In the next research to choose a better water pump machine, so as not to interfere with the work system of the microcontroller.