This thesis is program writing with Visual Basic for working to cooperate with Network Adapter hardware which connection with wireless sensor networks. Network Adapter hardware gets the datas from equipments in wireless sensor networks and sends the datas to the program. The users can command from the program to control the equipments in the wireless sensor networks.There are two working forms in this program. First, Monitoring form is for analysing the data frames and showing the data in graph and table forms and second, Management form is for sending the command from the users to the Network Adapter for controling or reading the status of the equipments in wireless sensor networks with which the Network Adapter connecting .

The result of program in Monitoring form can analyse unlimited standard frame of data and unlimited type of sensor that sent with frame of data. In Management form, The program can check the status of some equipment in the wireless sensor network and can control to turn on or turn off some equipment in the wireless sensor network.

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