**The laboratory work 14**

Using stateflow diagram create a smart house that will be able to do the following things:

1. Turn on/off the light in rooms
2. Show frequencies of the temperature in the house
3. Demonstrate graphics of electricity’s usage
4. Control changes of illumination’s indicators (use signal generators)
5. Choose what objects to locate in rooms: chairs, sofas, arm-chairs, tables and so on

