**Use Case: No Set Variables**

1. **Brief Description**

This use case describes what happens in the event that the user does not name the cluster, set an interval time, set a job time, set a maximum core temperature, set a user name, or set a password.

1. **Actors**
   1. User
   2. CPU
   3. ECU
2. **Preconditions**
   1. There must be at least 1 node that has been created inside the cluster
3. **Basic Flow of Events**
   1. The use case begins when the user is prompted to set variables for the following,
      1. cluster\_name
      2. user\_name
      3. user\_pass
      4. node\_name
      5. max\_temperature
      6. job\_interval
      7. job\_time
   2. In the event that the user does not set a variable then the any of the following variables will be set to a default such as,
      1. cluster\_name = “Eusocial-Cluster”
      2. user\_name = “user”
      3. user\_pass = “root”
      4. node\_name = “Node”
      5. max\_temperature = 90
      6. job\_interval = 5
      7. job\_time = 1
   3. Once all the variables have been set, then they will all be sent to info.txt
4. **Alternative Flows**
   1. Set all Variables
      1. If in step b of the basic flow, the user does set all the variables when prompted, then
         1. None of the variables have to be set to default values.
5. **Key Scenarios**
   1. Set all Variables
6. **Post-conditions**
   1. Successful Entry
      1. The variables have been successfully set and sent to info.txt
   2. Failed Entry
      1. The variables have not been successfully set and were not sent to info.txt
7. **Special Requirements**
   1. None