ECU  
Use-Case: Add node to cluster

# Brief Description

This use case describes how the user adds a node to their cluster using ECU’s user interface

# Actors

## User

## Eusocial Cluster Utility

# Preconditions

The user has the necessary dependencies installed

There user is running linux as their operating system

# Basic Flow of Events

1. The use case begins when the user runs the ECU user interface.
2. The user must select the add node option.
3. Instructions for finding the MAC address and information about the node name are displayed
4. The user must open a terminal and find the MAC address of the node.
5. The user enters the MAC address and clicks set MAC address to save it.
6. The user enters the node name and clicks set name to save it.
7. The user then specifies whether the node includes GPU support.
8. Once the information is entered properly, the user clicks exit
9. Th node information is saved to a text file to be used later.

# Alternative Flows

## User hits exit first

If after step 3 the user clicks the exit button first:

1. the use case ends with a failure condition

## User does not enter MAC address or node name

If the user skips steps 4 and 5 or step 6:

1. The use case ends with a failure condition

# Post-conditions

## Successful Completion

The user has added the information necessary to create a new node to the appropriate text file.

## Failure Condition

The information given is not sufficient for adding a node.