

Lesson:

A **composite state** is a state that has substates. A substate is a state that belongs to a superstate which is a composite state. A **substate** represent a possible condition while its superstate is in active.

Description:

The diagram below is a statechart of a fan. The fan has three buttons, a Power Button to turn on/off, a Button 1 to start blowing, and a Button 0 to stop blowing. So far it has only one speed, Speed 1, but is planned to have more than one speed.

Instruction:

You are asked to modify the Blowing state into a composite state so it has a Speed 1 state as its substate. Drag and drop Speed 1 state into Blowing state compartment and the connect Button 1 Pressed transition from Idle state to Speed 1 state!

