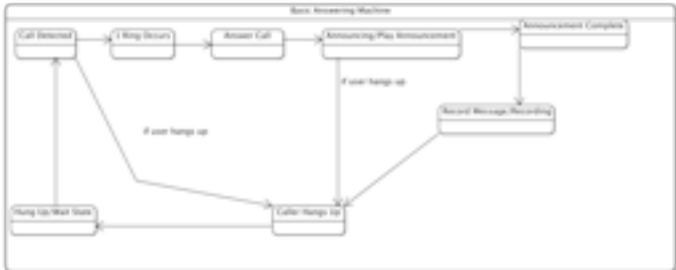


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COMP3700
Assignment #2
Feb 5 2013

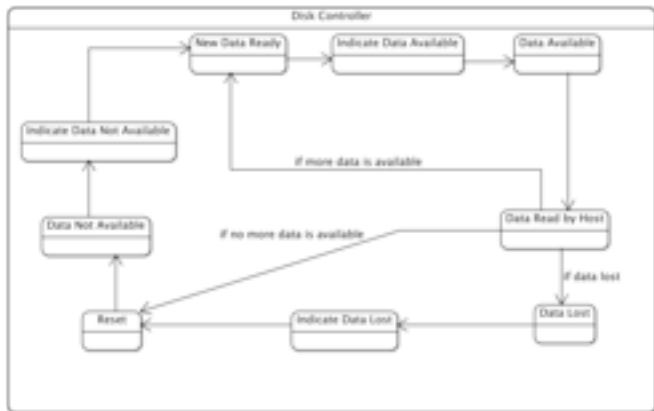
#1



#2



#3



The outside user decides to turn the system on from a default state of off. Once turned on, the central heating system first engages the furnace, if temperatures dictate it. Once the furnace is engaged, the blower turns on, and if necessary, the humidifier is enabled. When temperatures again dictate, the furnace turns off, while the blower (and humidifier, if necessary) remains enabled. Eventually, once the temperature thresholds are met, the blower turns off, and until the system is turned off, the temperature thresholds are constantly checked until the process has to start all over again.



