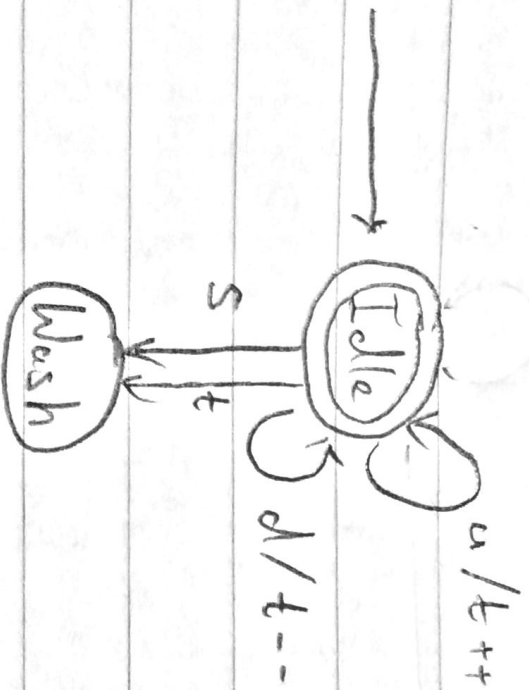


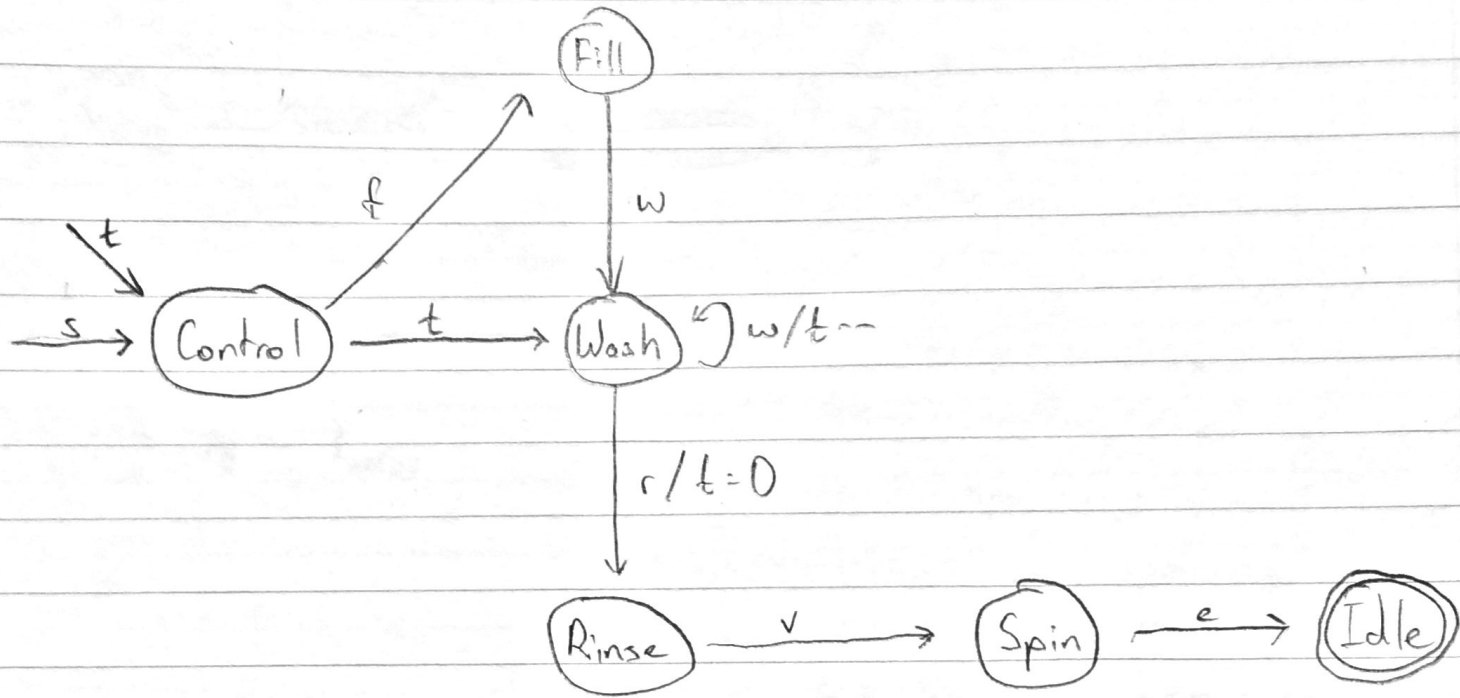
When turned on, the machine goes to idle allowing time to be changed. When start is pressed, time and a start signal is sent to the wash state. The machine stays in the wash state during fill, wash, rinse, and spin.

## Idle State



The idle state updates the wash time and sends the wash time to the wash state. When the start button is pressed, the idle state sends a start signal to the wash state.

## Wash State



The control state receives the wash time and sends it to the wash state. When the control receives a start signal, it sends a fill signal to the fill state. The fill state fills the reservoir and sends a wash signal to the wash state. The wash state washes and decrements the time. When time is at 0, the wash state sends a rinse signal to the rinse state. The rinse state sprays the washed clothing then sends a spin signal to the spin state. The spin state spins the chamber to remove excess water and then sends an end of cycle signal to the idle state.