CRS

[REQ_1] The initial state of the blender is OFF.
[REQ_2] The blender rotates in one direction.
[REQ_3] There is no power button for blender
[REQ_4] Additional hardware can be used to detect the over-voltage state.
[REQ_5] If the voltage exceeds motor operating voltage it will stop.
[REQ_6] Motor operating voltage is between 5 to 9V.
[REQ_7] Motor should remain off in case of over-voltage condition.
[REQ_8] the speeds percentage from maximum speed:

Speed 1 = speed/3
Speed 2 = speed/3 + speed 1
Speed 3 = speed/3 + speed 2

[REQ_9] Speed remains the same if user pressed button forever.
[REQ_10] Blender stays active with current speed unless user changes its operating state using button.
[REQ_11] Button used is tactile switch.
[REQ_12] Action is taken after button release with no delays observed by the human eye.
[REQ_13] Must press button and release it to initiate action.