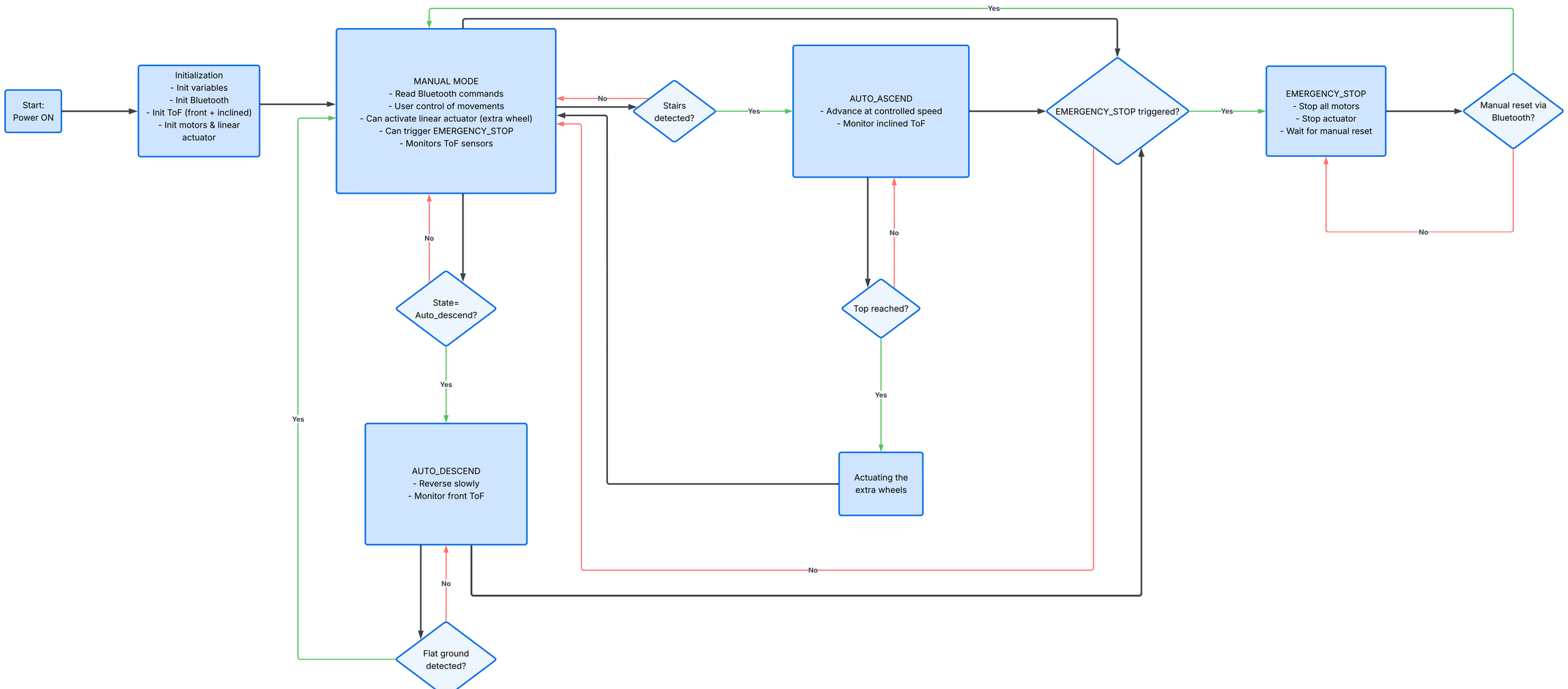COMPLETE ROBOT LOGIC