

Handmade Fan Test Cases

ID	Scenario	Steps	Expected Result	Actual
TC_01	Check if fan turns ON with switch	Turn the power switch ON	Fan should start rotating	As per test
TC_02	Check if fan turns OFF with switch	Turn the power switch OFF	Fan should stop rotating	As per test
TC_03	Verify speed control (1st level)	Set regulator to speed 1	Fan rotates at slow speed	As per test
TC_04	Verify speed control (2nd level)	Set regulator to speed 2	Fan rotates at medium speed	As per test
TC_05	Verify speed control (3rd level)	Set regulator to speed 3	Fan rotates at high speed	As per test
TC_06	Verify fan rotates clockwise	Switch ON and observe direction	Fan rotates clockwise	As per test
TC_07	Verify fan stops smoothly	Switch OFF while at high speed	Fan should slow down gradually and stop	As per test
TC_08	Check vibration/noise	Switch ON at high speed	Fan should run smoothly without abnormal noise	As per test
TC_09	Power cut handling	Switch ON the fan -> turn off main power	Fan should restart when power comes back	As per test
TC_10	Verify blade balance	Observe blades while fan running	All blades should rotate uniformly	As per test