Final Project

FabAcademy 2026
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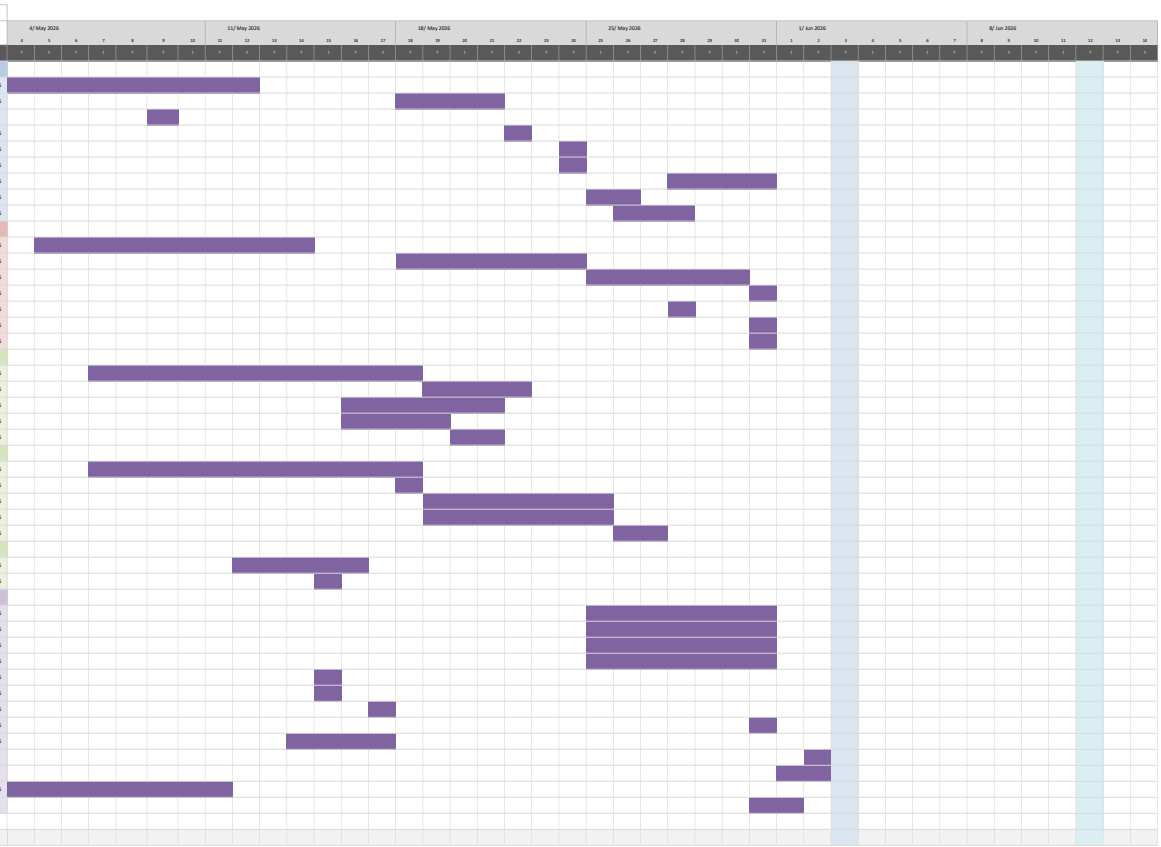
Projektanfang: Mon, 4/5/2026
Anzeigewoche: 1

Task	Progress	START	END
Mechanical Design and Wood Fabrication			
Evaluate Final Shape		4.5.26	12.5.26
Determine Final Shape		18.5.26	21.5.26
Buy ash wood		9.5.26	9.5.26
Saw ash boards, mill joints and glue them		22.5.26	22.5.26
Mill Ash wood body shape		24.5.26	24.5.26
Mill inner groove		24.5.26	24.5.26
Integration and post-processing		28.5.26	31.5.26
Sand surface		25.5.26	26.5.26
Apply Oil Finish		26.5.26	28.5.26
Diffuser and LED Integration			
Develop diffuser		5.5.26	14.5.26
Fabricate diffuser mold		18.5.26	24.5.26
Cast diffuser		25.5.26	30.5.26
Install diffuser		31.5.26	31.5.26
Determine LED strip lenght		28.5.26	28.5.26
Solder LED strip		31.5.26	31.5.26
Install LED strip		31.5.26	31.5.26
Electronics and Transmitter Hardware RECEIVER			
Determine base design / components		7.5.26	18.5.26
Plan Components and PCB		19.5.26	22.5.26
Design, mill and install PCB		16.5.26	21.5.26
Mill and post-process base		16.5.26	19.5.26
Stain base		20.5.26	21.5.26
Electronics and Transmitter Hardware SENDER			
Develop sender unit / components		7.5.26	18.5.26
Determine ToF spacing		18.5.26	18.5.26
Build sender unit (mill, saw, sand and oil)		19.5.26	25.5.26
Design, mill and install ESP board		19.5.26	25.5.26
Fabricate and install Button		26.5.26	27.5.26
Electronics / Power			
Evaluate electrical components		12.5.26	16.5.26
Order components		15.5.26	15.5.26
Programming, System Integration and Testing			
Program Code		25.5.26	31.5.26
Program Mode 1 (static mode)		25.5.26	31.5.26
Program Mode 2 (direct mode)		25.5.26	31.5.26
Program Mode 3 (DJ mode)		25.5.26	31.5.26
Test LED control		15.5.26	15.5.26
Test Stain		15.5.26	15.5.26
Test ToF Sender input		17.5.26	17.5.26
Test Transmitter to lamp connection		31.5.26	31.5.26
Plan Integrgate all subsystems		14.5.26	17.5.26
Final debugging		2.6.26	2.6.26
Prepare Final Documentation		1.6.26	2.6.26
Plan First System Integration		4.5.26	11.5.26
Final System Integration		31.5.26	1.6.26



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