



TOBB ECONOMY AND TECHNOLOGY UNIVERSITY

ELE 495 Senior Project

CPM Project Plan

	
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Öğrenci Numarası	141201079
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Project aim:

Amyotrophic Lateral Sclerosis (ALS), also known as motor neuron disease, is a disease that does not impair the mental functions of the patient, but gradually loses muscle control.

However, the eyelids of the patient do not lose their function for a long time. For this reason, blink communication is a recommended solution for ALS patients. What is desired within the scope of the project is coding around 10 words as blink, resolving the blink message using signal processing techniques and writing on the Raspberry Pi Screen.

CPM Project Plan:

Task ID	Task Description	Task Predecessors	Early Task Duration(days)	Late Task Duration(days)
1	Project Start.		0	0
2	Hardware Design.	2	2	2
3	Buy Hardware Equipment.	3	7	7
4	Make Research about Project.	4	2	2
5	Write Eye Blinking Detection Program in PC.	5	2	2
6	Write whole system code.	6	2	2
7	Build whole system with Hardware Equipment(without PC)	7	2	2
8	Design 3d system (laser cut or 3d printing possible for holding camera and Screen module)	8	2	2
9	Test	9	5	5
10	Test	11	5	5
11	Test	12	5	5
12	Test	13	5	5

Complete Task duration =39

Critical and Project Path:

