

18.04.2023

MAMBA-II

Meeting Time: 1h

In the meeting of the concept evaluation of the system. We have talked about system components. By considering each function of the system, we have talked about concepts which can be used in the system. By using morphological chart which we use ME407, we worked on the functions. Then, we have choose the best concept that can fit into requirements and constraints.





Motor	DC Motor (Redüktörli Encoder) 4cm	Servo Motor SG90	Step Motor 6 cm 	Servo M690
Wheel	3D Printed Circular	Commercial Circular	Commercial Pallet	
Battery	14500	18650 ② 18650 battery	Li-po (2S) → size huge → control is not effective	
Body	Layer by Layer 	Pallet 	Spring Type (Velocity Control) 	
Microcontrol	Raspberry Pi			

Figure-1: Morphological Chart of System