

Subsystem Name	Block Name	Short Description	Est. Completion date & cost	Developer Name
Software	Arduino	Gets Input from PC, controls the servo motors	Oct. 10 0\$ Dec. 5	Torsten Schill
	Image Processing	Input data from camera Output Shape and location of Object	Oct. 10 0\$ Dec. 5	Torsten Schill
	Coordinate Transformation	Input data location of Object Output Motor Inkrement	Oct. 10 0\$ Dec. 5	Torsten Schill
	Communication	Communication between PC and Arduino	Oct. 10 0\$ Dec. 5	Torsten Schill
Hardware	Servo Motors	Controlled by the Arduino. They move the Mechanical construction	Sep. 19 30\$	Torsten Schill
	Arm	Mechanical construction two parts.	Sep. 26 3\$	Torsten Schill
	Arm base	Mechanical construction to hold the arm.	Sep. 26 2\$	Torsten Schill
	Electromagnet	Small Electromagnet to pick object	Sep. 19 10\$	Torsten Schill
	Solenoid	Makes the Z Movement to pick the object	Sep. 19 8\$	Torsten Schill
	Camera	Send data to Image Processing	Sep. 19 10\$	Torsten Schill