Task ID	In Charge 2019-01-06	2019-01-13	2019-01-20	2019-01-27	2019-02-03	2019-02-10	2019-02-17	2019-02-24	2019-03-03	2019-03-10	2019-03-17	2019-03-24	2019-03-31	2019-04-07	2019-04-14	2019-04-21
Assembling Prototype 2	Andrew	2019-01-13	2019-01-20	2019-01-27	2019-02-03	2319-02-10	20 /9-02-17	2013-02-24	2018-03-03	20.0-03-10	AU 10-03-17	2013-03-24	2012-03-31	2319-04-07	2013-04-14	2010-04-21
Set up Knuckles on the plywood base	Andrew															
Group all wires and organize them in labeled cables	Andrew															
Reroute all wires and cables to avoid collisions	Andrew															
	Entire Team				i i											
Laser cut the plate for the forearm	Andrew				i i											
3D print Camera mount and attach it on Knuckles	Andrew															
3D print case for microcontroller	Andrew															
3D print case for power supplies and stepper drivers	Andrew				1											
3D print end camps for wires	Andrew Andrew															
Insert tactile pads on Gripper Motor and Power Distribution	Andrew Entire Team															
	Entire Team															
	Entire Team															
AprilTag Detection	Matt															
Camera detects AprilTag and labels object names on ROS	Matt															
Arm follows and centers the tag	Matt				1											
Maps room and saves locations/point clouds of AprilTags	Matt				1											
Grabbing and returning objects	Matt															
Receive data input from gripper tactile pads	Matt & Andrew															
Robot has a good grip of the arm Robot returns to a default position to give an object	Matt Matt															
	Matt & Paola															
Voice Recognition	Rym															
Link the Intel Development Microphone with Raspberry Pi3+	Rym															
Link the Intel Raspberry Pi3+ and Amazon Development	Rym				i i											
Retrieve voice to text message from Alexa Voice Service to ROS	Rym				i i											
Connect action verb to motion nodes on ROS	Rym				1											
Connect object to the AprilTag node on ROS	Rym				1											
Voice activate Knuckles with "Alexa, Tell Knuckles"	Rym				1											
GUI Design Template GUI on qtDesigner ROS	Paola															
Design Temptate GUI on qtDesigner ROS List action verbs and objects to be included in Library	Paola Paola				1											
Connect GUI to Command Prompt	Paola Paola															
Connect GUI to Rviz	Paola															
Connect GUI to object detection node	Paola															
Execute Commands from the GUI	Paola															
Execute Commands from the voice input to the GUI	Paola				i i											