Description	Mitchell	Emma	Kirti	Armen	Scott
1.1.1: Get materials (wires, microcontroller, soldering iron, etc)		P			
1.1.2: Machine the base which is custom made/sized from material that was provided by the company.		P			S
1.1.3: Screw/Weld all materials together to form a functioning base, make sure all wires are fitted to function correctly.		S			P
1.1.4: Test wire connectivity to ensure effectiveness and functionality		P			S
1.2.1: Get materials (wires, robot's arms, servo motors, etc)		P			
1.2.2: Attach motors to joints to allow for movement in the arms.		P			S
1.2.3: Test newly attached motors in arms to ensure that vertical lift is achieved		P			S
1.3.1: Get materials (wires, microcontroller, receivers from arms, controller etc)		P			
1.3.2: Put controller together and power it on					P
1.3.3: Configure signal to be able to interact with arm motors		P			S
1.3.4: Test connection for controllers to arm motors.		P			S
1.4.1: Go through project plans and take the wires on the robot and conceal them		S			S
1.4.2: After wires are concealed test connect to ensure effectiveness		P			S
1.4.3: Test 5 volt power supply that it is outputting the correct wattage to the motors.		P			S
1.5.1: Install necessary firmware onto the two onboard controllers to be able to turn them on			S	P	
1.5.2: Test firmware for effectiveness and the ability to compute the data necessary to the robots needs.			S	P	
2.1.1: Export robot OS onto the onboard computers	S			P	
2.1.2: Test to ensure that Robot OS works on computers and is able to interact with other components	S		S	P	
2.2.1: Update computers on the robot to be able to work	P		S		
2.2.2: Restart computers to be able to run the newly updated software	P		S		
2.3.1: Update computers on the robot arms to be able to work	P		S		
2.3.2: Restart computers to be able to run the newly updated software	P		S		
2.4.1: Send commands from controller to robot to start the tests of preprogrammed commands	S			P	
2.4.2: Test to see if the commands work as desired	S			P	
3.1: Install Alexa Skill onto robot OS	P		S		
3.2: Restart Robot OS to ensure Alexa Skill is properly installed	P		S		
4.1: Begin to work UI for Phone app on IOS and Android				P	
4.2: Work on backend and storage solutions to IOS and Android apps				P	
5.1: Write User manual on components of the robot.	P		S		