

<b>Shortfall</b>	<b>Reasons</b>	<b>Steps to Resolve</b>
No Bluetooth Connection	Unforeseen problems	Use existing code to assist in Bluetooth connection
	Ordered different modules	
Wires not routed through stander	Did not want to compromise frame	Route wires through stander
Exposed Motor Controllers	Oversaw need for housing	Purchase/Create covers and attach to the
Large sized remote	Initially needed space for battery	Cut down existing battery or create a new model to rapid prototype
No Ultrasonic Sensors	Detected too much paralyzing the stander	Reprogram how the sensors work or find other sensors to use
No Beep feature when stander is reversing	Did not think of this	Add beep feature
Large battery mount	Misjudged size of battery	Redesign mount with correct measurements
No bump sensors on the back of the stander	Couldn't find a proper location for them	Create a mount similar to the bump sensors in the front
	Didn't have enough time	
Stander doesn't move perfectly straight	Wheel mount may not be completely straight	Find a better way to align wheel mount ex) use level
	Manufactured parts are defective	Order new wheel
Tray doesn't tilt	Flexarm was unstable	Find a sturdier flexarm
	New design doesn't allow for tilt	Redesign
Stander is not weatherproofed	Some connections are in the open	Design covers for major parts and connections
	Lack of time to cover major connections	
Tray mount doesn't allow for easy movement with button cords	Not enough clearance in trusses for button cords	Cut a notch in the alumnum trusses