

### Unforeseen Problems

This is a list of issues the team ran into while going through MSDII. The issues were not predicted and caused some delays. Severity ranges from 1 to 10, with 1 being the lowest and 10 being the highest.

<b>Problem</b>	<b>Severity (1-10)</b>	<b>Effect</b>	<b>Solution</b>
<b>failure to keep an accurate timeline with RGRTA</b>	10	inability to ensure that proper information is acquired	attempt to get in touch with Brock regularly to ensure data acquisition
<b>Accelerometer and compass interfacing failure</b>	7	cannot test path correction algorithm	acquire combined unit (RAZOR IMU)
<b>team miscommunication issues</b>	10	delay in tasks and inability to split up assigned tasks	project manager further delegates tasks
<b>Transition issues from the CE team's code</b>	5	delay in understanding the way the CE team's code works	attempt to understand it as soon as possible
<b>Acceleration correction algorithm functionality</b>	5	inability to get an accurate estimate of new user location	run through equation derivation again. If it still fails to acquire proper values, then change motion mode to 2-D planar motion
<b>Need for a breakout board for the RAZOR IMU</b>	7	delay in testing functionality of RAZOR IMU	obtain breakout board