Notes from 9.25.2013

UPDATES:

Maze – currently being built, the 3x3 will be ready soon

Parts – parts will be ordered on 9.26 (microcontroller motor driver and IR sensors have been delivered \*Janel needs a wire kit, there may be some in the Sr. lab

Room Access – 310 \*we will email Dr. Lu, include our ID’s, as a reminder

MAIN AGENDA:

Requirements Documents – Review is “solid”. (Nothing is graded until the end of the semester) “Good documents, not hard to go through”. Writing was solid, use one name for the device. We should have more “minor milestones”, about one per week. Things like “getting data to the robot” are okay! More on the software end is where we need milestones. Constraint is a word that drives Tammy nuts. Include team member names on each milestone so that someone is culpable.

How Do We Decide Success - Our mouse’s minimum successful functionality will be navigating to the center of the maze. We can use multiple bits to determine the PROBABILITY that a wall is there (four bits allows us 5 states of wall “existence”. Think about how often we look for data: reading ten times, we are SURE that the wall is there, only one time, we are unsure that the wall is there.

Hardware Talk – Hardware drivers are SUUUUUPPPPPEEERRR slow

Industry Rep – Will try to make it next week!