Submission Date	2018-09-11
Project Name	
Student Name	**Ryan Maynard**
Project repository	https://github.com/rfmaynard/Accel-MagnetoMeter
MY Project Will	
The database will store	Speed, Velocity, Direction(Compass)
The mobile device functionality will include	View distance traveled for the day, calories burned, steps, toggle start/stop/pause
I will be collaborating with the following company/department	School of Applied Technology
My group in the winter semester will include	Delroy Christie, Jonas Gamao
50 word problem statement	Simplfying the current pedometer for the aging generation looking to get healthy in monitoring their health by implementing a simple and user-friendly interface.
100 words of background	Pedometers/wearable/portable technology is used everywhere. With the baby boomers becoming an aging population, and with health concerns on the rise, this easy to use system can promote a healthier lifestyle with the added ease of use. By using IoT/Cloud software, users can track their usage and compare it over days/weeks/months to ensure they are getting the exercise needed.
Current product APA citation	KNOW YOURSELF TO IMPROVE YOURSELF. (n.d.). Retrieved from https://www.fitbit.com/en-ca/home
Existing research IEEE paper APA citation	Genovese, V., Mannini, A., & Sabatini, A. M. (2017, May 6). A Smartwatch Step Counter for Slow and Intermittent Ambulation - IEEE Journals & Magazine. Retrieved from
Brief description of planned purchases	Rpi Zero, Accelerometer/Magnetometer, Battery Pack?
Solution description	A user friendly, Cloud/IoT based pedometer for the aging population.