Submission Date	1/17/2019
Project Name	Humber Campus Navigator
Student Name	Anoopjot Kaur Dhallu, Bettin Jacob, Ishan Khuttan
Project repository	https://github.com/HumberCampusNavigator/Capstone.git
SensorEffector choice	TMP36-Temperature Sensor (0x30), ATtiny85, LSM9DS0 9-AXIS Accelerometer,TFT Color Display Screen ST7735.
The database will store	The temperature readings from LASM9DS0 9-Axis Accelerometer.
The mobile device	
functionality will	The main function of the App is to Navigate within the campus, other functions involve
include	calling security, it have a contact list of all major schools/departments.
I will be collaborating with the following company/department	Humber College Facilities and FYI
company/department	Trumber conege racinties and rif
My group in the winter semester will include	Anoopjot Kaur Dhallu, Bettin Jacob, Ishan Khuttan
Seriester will illerade	For students it is really hard to navigate within the campus. We are designing an
50 word problem	application which helps students to navigate within the campus from any point to any
statement	point in short time and less distance.
Statement	When we were new to college, we used to roam inside the campus to find anything
100 words of	within the campus. It was really tiresome. Even in last semester it was difficult for us
background	to find the location of NB part of the college.
	Jana S., & Chattopadhyay M.(2015). An event-driven university campus navigation
Current product APA	system on android platform. Retrieved from
citation	https://ieeexplore.ieee.org/document/7083850/
Existing research IEEE paper APA citation Brief description of	González-Guerrero, M., Jiménez, J.J., Hernando, C., Álvarez, M. and Guerrero, H.(2013). <i>Dosimeter for The Two Towers in SEOSAT-INGENIO Based on the TMP36 Temperature Sensor.</i> Retrieved from https://ieeexplore.ieee.org/document/6516099/ Raspberry pi kit, TMP36, Attiny85, 1.8TFT Colour Display ST7735, LSM9DS0 9-Axis
planned purchases	Accelerometer.
	We have two solutions in mind. 1. Real time Navigation - with location sensors installed in various locations of campus, through a mobile app, we can give a real time navigation guidance for users. But this will be expensive. 2. Offline Navigation - With QR code sticked to all the class room doors of the campus, user can just scan the QR code where he stands and select a location anywhere on campus and the app will give
Solution description	the easiest path to that location.