Team Smart Walker
Dipankar Chakravort
Dongxin Liang
Hassan Yassine
Hodgson Tetteh
Farouq Adepetu

End of Month Deliverables

February – Get the feedback system working with Arduino and coin vibration motor. Connect the Kinect to the Raspberry Pi and once all the data from the Kinect is loaded into RAM send a completion signal to the Arduino to activate the vibration motor. This links all the hardware together.

Midway March 17 – Show the connection of the Kinect with Raspberry Pi and Arduino and run a test show everything works.

March – Have a program that can detect objects using OpenCV and machine learning.

April – Combine the hardware and software. When an object is detected, send a signal to the vibration motor to vibrate. Attach to a walker/cane.

May – Test everything to make sure it works and iron out any bugs/kinks.