#### SENSORTAG - BLUETOOTH SENSOR

The sensor worn by the player which will be used to measure players' positions on the pitch at all times.

#### PNM-MON - BLUETOOTH RECEIVERS

This is the python application which runs on the raspberry pis. Its purpose is to capture and store analytics taken from the players.

Python Modules

-bluetooth

-commandline "sudo hcitool lescan" to scan, "sudo btmon" to read input

-datamanager

PNM-DB - REST API / DATABASE SERVER Persistence Level

Once the data is collected and on the Raspberry Pis it is synced to the database for permanent storage via the Rest API. pnm-db is built in python using the Django Rest Framework, with a Postgres Relational Database.

PNM-WEB - FRONTEND APPLICATION SERVER

Built using Django, pnm-web is the frontend web server from which users can view all player analytics