SVM based Vertical Handovers

===============Progress report=================

We started our project by understanding things about implementing immediate handover technique, we did so by constructing a set of one lakh random coordinate values possible in a 10X10 room. We did handovers by realising distance between the user and the two WIFI terminals and connected the user with the closest possible WIFI terminal. After learning enough about the technique of immediate handovers we learnt about LIFI and how it can used to increase the data rate exceptionally, but it had it’s problems such as it was prone to blocking and hence we realised we should use a WIFI terminal as well to ensure continuous flow of data to the user. So we learnt about different parameters that we needed to build this type of system where handovers occur between LIFI and WIFI. Now we started to make the dataset and the necessary labels accordingly. Now we are left with building a SVM classifier on this dataset.