firstly....we are going to use Bayesian inference Algorithm.Bayesian inference is a method of statistical inference in which Bayes' theorem is used to update the probability for a hypothesis as more evidence or information becomes available.

Bayesian inference is an important technique in statistics, and especially in mathematical statistics. using this statistical method we determine supply and demand which is expected in future.

The second Algorithm which we are going to use for finding the shortest path or else we can say for tracking the inventory items is star algorithm which is a variant of Dijkstra’s algorithm.

We are going to build an website with an user friendly interface as well as we would be developing an WebApp by using android studio for remote use of the system via smartphone.

we will use enhanced type of embedded coding so to minimize the power consumption of devices so that the RFID active tags and receiver will last longer