**Case Study**

This Case study looks at the problem of setting up a FOODCOURT in college. In existing system there are few problems:

• For placing any orders customers have to visit FOODCOURT to know about food items and then place order and pay. In this method time and manual work is required.

• While placing an order over the phone, customer lacks the physical copy of the menu item, lack of visual confirmation that the order was placed correctly.

• Every food court needs certain employees to take the order over phone or in-person, to offer a rich dining experience and process the payment. In today’s market, labor rates are increasing day by day making it difficult to find employees when needed.

Hence, to solve this issue, what I propose is an “FOODCOURT Automation System, originally designed for small scale business like College Cafeterias, Fast Food restaurant or Take-Out, but this system is just as applicable in any food delivery industry. The main advantage of my system is that it greatly simplifies the ordering process for both the customer and the food court and also greatly lightens the load on the food court end, as the entire process of taking orders is automated.

Anticipated Benefits are:

1. This will minimize the number of employees at the back of the counter.
2. The system will help to reduce labor cost involved.
3. The system will be less probable to make mistake, since it’s a machine.
4. This will avoid long queues at the counter due to the speed of execution and
5. number of optimum screens to accommodate the maximum throughput.