**Smart Restaurant Website**

Introduction

This is a website where business can process real time data for their customers.

The benefit with real time data processing capabilities is that the menu can be listed with increasing number of orders placed per day per whole time the business started collecting data.

This makes first time customer know what other people order the most and makes easy for the business to predict what will most likely be ordered and prepare the food accordingly.

This is much smaller scale version of online retail store selling products, but here the product is food.

Features

* The website read a file containing order information for the day.  
  Then adds up the current order with previous orders of the past and stored in the database.  
  Depending on this information the Menu items listed in order from increasing order number.
* Items can be added to the shopping cart and checkout at the end.
* Delivery restriction parameters are used and fee for delivery is calculated.  
  Without using intervention it declines the order depending on delivery point and calculates fee depending on the distance.
* Online comment page to ease the customer for selecting the item to order.

Survey/Data

<https://qz.com/1051814/what-is-amazon-really/>

Like the article said Amazon was initially selling books and operating from a small office.

This website will be selling food and delivering. No need for fancy space or decoration to run  
this restaurant business. Just need some space to run a kitchen. Later it will incorporate  
foods from the other ethnicity. This requires a sophisticated algorithm to run it’ logistic side  
of the business just like Amazon. Initially it will be running its business locally, but could  
expand nationally. Amazon acquired Diapers.com to get its robotics capabilities, and now   
Amazon has its own Robotics unit. This restaurant business could acquire technology companies to help the kitchen operation in a long run.

References

<http://getbento.com/restaurant-websites/?gcampaignid=1054739033&gadgroupid=60321431708&gtargetid=kwd-299264275821&gkeywords=restaurant%20websites&gclid=CjwKCAiAlfnUBRBQEiwAWpPA6cq5B53BzDlyopLEM2Uscs4sYZufLU_xxrzcxE5uc3rZMSCZpYwzvRoCCfIQAvD_BwE>

<https://aws.amazon.com/machine-learning/what-is-ai/>

Hopefully, the website will be hosted in the AWS and utilize its Data Analytics tools.  
Like Amazon.com the customer’s front page of the website will be customized for his/her preference for ordering food.