



SOF3490: Software Project Management
Project: Tablet Restaurant Application
Lab 2

Members:

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Introduction:

We have decided to work on a tablet restaurant application. This application aims to reduce possible confusion whilst ordering at the restaurant. Traditional menus suffer from a surface area problem. There is limited real estate on a menu which leads to limited pictures and descriptions. The restaurant would naturally select their best selling dishes to take up most of the real estate, however, this leads to their not-so-well selling dishes to remain unpopular. Moreover, the guest will get an opportunity to read/write a review under any dish which the guest has tried. They will be able to leave their opinion on the dish whether it be positive or negative, which will help the next guest order. The restaurant also has limited menus to hand to customers, therefore, they must retract the menus once the customers order their food. Which leads to possible lost sales. Using this application, restaurants can install a tablet at the table, where the customers can browse the menu, select their dish, see clear photos and descriptions at any time during their visit without real estate limitations. From there onwards they can order their food, and have the order go straight to the kitchen to be prepared without the need of a server.

Objectives:

- Cut down on the time spent to take orders and process them
- Save the money spent on staffing
- Change/update menu without any consequences associated with cost/print
- Guests will be able to view all the dishes at their convenience
- Guests will be able to write/read reviews about all dishes

Measure of Success:

- Meets all client criterias
- Finished within agreed upon timeframe
 - With minimal to no bugs
- Successful implementation on test subject
- Good market survey result
 - 75% or greater interest rating from market is target

Resources Needed:

- Personal Computers
 - Minimum two computers needed to simultaneously develop code and research.
- Tablets
 - Minimum two tablets needed. To test two variations and compare (Business Side Software and Client Side Software). In case one is down, the other will work.
- Software
 - Android Studio
 - Photoshop CC
 - Illustrator CC
- Office/Work Space
 - To rent during project development period.

Conclusion:

In conclusion, the modernized usage of tablets to place orders will have a positive impact on the restaurant's revenue as well as its guests and their experience. This will help reduce the additional unnecessary costs that come with running a successful restaurant such as additional staffing, continuous update of the menu and the time spent processing orders. Moreover, through this advancement of the switch from traditional menu to tablets, guests will have the opportunity to read and write reviews about the food they have tried. This will help other guests base their decision of the order from the reviews. This development will result in a positive experience for everyone.