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| HCI - COMP 171 |
| Assignment 5 |
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**Prototype**

Below are the forms I made for my medium fidelity prototype

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**Medium Fidelity Prototype Video Demo**

<http://www.youtube.com/watch?v=crHi3O35yXo>

**Discussion**

Working in a team helped me to implement my prototype easily and in a better way than in my previous individual assignments. I and my partner Erich Tusch decided to make the medium fidelity prototype for both of our designs since we had already put some work into our medium fidelity prototypes.

Erich has lot of interesting functionalities in his design “TUDS Alert”. Some of the functionalities that I incorporated into my system are Alert Notifications and Upcoming Events.

Alert Notifications: - Once a customer makes a reservation Restaurant Locator will remind him about the reservation by triggering an email on the day of reservation.

Upcoming Events: - If there any deals going on in a restaurant it will be displayed on the restaurants homepage.

I did my medium fidelity prototype using VB. I tried to incorporate most of the functionality from Restaurant Locators paper prototype. In addition to that I tried to solve some of the problems seen during usability testing.

Below are some of the changes I made in the medium fidelity prototype:

1. **Search Screen:** In the previous design once the customer selected cuisine from the home page he needed to go back to home screen to make any changes to the cuisine type. In the medium fidelity prototype I changed the textbox to a combo box so that the customer has an option to change the cuisine type without going back to the home page.
2. **Back to result button**: In my previous design once the user performs a search there was no option to go back to search results page without pressing the browser back button. In the medium fidelity prototype I added a “Back to Result” button on the restaurant home page so that the customer can go back to the search results page without pressing the browser back button.
3. **User confusion:** In my previous design no cuisine types were selected when user clicks/touches on the label (Ex: American, Mexican etc) instead of a cuisine image, this sometimes causes user confusion. While implementing medium fidelity prototype I added a pop-up asking user to click on the cuisine image instead of label.
4. **Menu screen:** In my previous design all menu items were arranged one below another and there was no option to view menu items under appropriate categories (Ex: Appetizer, Main Course, Dessert, etc). While implementing medium fidelity prototype I separated out the menu items to fall under Appetizer, Deserts, and Main Course etc.

**Limitations:**

Below are some limitations I faced:

* Currently my system does not have any database connectivity so all the values/results are hardcoded.
* Currently there is no Review Approval system so there is no way to filter bad words in customer reviews.
* Currently in the reservation tab although I used DataTimePicker the system displays just the date and not the time at which the customer can make his reservation.
* System is not allowing aligning Item Prices under Menu tab, so for the time being I am not displaying any prices under Menu.
* Although I have added a combo box to select between Car, Bike and Bus the system displays the same result regardless of user choice for lack of database availability.