**Natanel Galakh**

**Pizza Picker Java Project**

**12/12/16**

**Contents:**

**Introduction ... Page 3**

**Testing and Problems… Page 4**

**Introduction.**

First off, for this project I did not use Swing. It was done in JavaFX. I did not use programs such as Scene Builder. All code was hand-typed.

**Problems and Testing.**

For the most part, the program worked as intended. Most things worked on my first attempt at running the program, bar some minor syntax errors such as forgotten semi-colons. The biggest issue was the ListView, JavaFX’s version of the listbox.

The ListView used code that I had never seen before, and in order to use it effectively I had to try and understand a lot of complex code. Although I originally wanted to have the ListView as a selectable list all of the toppings, I scrapped the idea after many hours of unsuccessful tests. It went through many iterations. I tried making it into a ListView of checkboxes. I tried Ctrl clicking to select multiple. Although that did work, I couldn’t get it to work with the live price counter.

The ListView did make its way into the confirmation menu, but in a non-interactive fashion unfortunately.

The image caused problems with the grid. A lot of small changes had to be made in order to lessen the problems. The solution ended up being simple, though not very stylish. The toppings are not contained on the same grid, they are in their own separate layout and unfortunately it stands out.