**PROJECT 2**

TEST PLAN

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What needs to be tested?

* Connection to the SQL database
* Set up ComboBox with the property listings as it is the foundation of the GUI
* Information is displayed on the appropriate labels
* Filter ComboBox to filter the listings in the Property Listings ComboBox
* “PURCHASE PROPERTY” button
  + Confirmation prompt
  + Changes property status to “Sold”
* “LEAVE OFFER” button
  + Assigned Full Name
  + Assigned Offer
  + Ability to submit your name
  + Ability to submit your offer
* “OWNER DETAILS” button
  + Should display the address, Property owner, contact number, contact email and realtor name
* “REALTOR DETAILS” button
  + Display address, name, contact number, contact email, website, comments
* “ADD A LISTING” button
  + Will add the listing created to the collection
* “reset selected” button
  + The status of the selected property should be set to “Active” again
* “reset all” button
  + Status of all properties will be set to “Active”

Assumptions are that everything above will work as planned.

Testing of the credit card acceptance system

* Added to [PURCHASE PROPERTY] button
* After pressing yes in the confirmation window, will prompt user to select credit card type
* Enter credit card number and other information needed
* Confirmation prompt which displays information entered
* Messagebox confirming purchase of property

Assumptions of the credit card system are ambiguous since knowledge of implementing the method is not fully refined.

BaseClass - Credit Card

DerivedClasses - Visa, Mastercard, AmEx, etc . . .