Analysis Documentation

Analyst Name: Bradley Kirkbride-Taylor   
Project Name: Assignment 4  
Date Created: October 5, 2015

# Program Inputs

* Price- the price of the property sold
* Commission- the amount earned for selling the property
* Property code- the code for the type of property sold
  + R – residential
  + M – multi-dwelling
  + C – commercial
* continueCode – The code for if the user wants to continue
  + y – yes
  + n – no

# Processing

* Check if user entered a non-negative price for property value
* Add property value to total sales
* Check if user entered a valid property code
* Calculate commission based on type of property sold
  + Residential – commission = property value \* 7%
  + Multi-dwelling – commission = property value \* 6%
  + Commercial – commission = property value \* 3.5%
* Add commission to total commission earned.
* Check if user wants to continue?
* Check if the response to continue was valid
  + y
  + n

# Program Outputs

* Print “Real-Estate Commission Calculator “
* Print "----------------------------------------------"
* Print "Enter the property's selling price: "
* Print "\*\*Error\*\* - Selling price must be greater than zero"
* Print "Residential R"
* Print "Multi-Dwelling M"
* Print “Commercial C”
* Print "Enter the property code: "
* Print “\*\*Error\*\* - property code must be R, M or C”
* Print “Total commission on this property is $" + commission
* Print “Calculate another commission? (y/n): ”
* Print "Error\*\* - Invalid response"
* Print "Transaction Summary"
* Print "Total property sales: $" + total sales
* Print "Total Commissions: $" + total commissions earned

# Other Considerations

* none