Edit Checks

The following edit checks for valid data values are presented in pseudo code.

**For numeric types:**

bool valid Numeric(input.attribute,attMin,attMax)

*//input.attribute is a placeholder for whichever numeric attribute is being tested. attMin and attMax are the minimum and maximum boundaries for that attribute, respectively*

{

if (input.attribute < attMin || input.attribute > attMax)

{

print(“Invalid image. Please try another”);

return False;

}

else

{

return True;

}

}

**For character types:**

bool validChar(input.attribute,attLength,attNo)

*//attLength is the maximum length that the attribute can have. attNo is an array of invalid characters*

{

if(input.attribute.length > attLength || input.attribute.contains(attNo))

{

Print(“Invalid. Please try again”);

return False;

}

else

{

return True;

}

}

**For enumerations:**

bool validEnum(input.attribute,enumTable)

*//enumTable refers to which enumeration attribute that is being queried.*

{

if(enumTable.queryExists(input.attribute)==False)  
*//the function queryExists(attribute) will run a mySQL query on the actual database table to see if the attribute is a valid entry*

{

Print(“Invalid. Please try again”);

return False;

}

else

{

return True;

}

}