Summary:

Create the ability to map and return pricing in local currency for materials sold.

Assumptions:

* Single input file with three sections:
  + Mapping of local currency to Roman Numeral
  + Mapping of local currency to Materials
  + Set of questions ranging from roman numeral value to local currency or local currency value of a material type.
* Material types at this point are only dirt, iron, gold, sliver
* For now material types will be case sensitive and only Dirt, Iron, Gold Silver are acceptable input materials
* Questions will use a set of key words “how much is”, “how many Credits is”, is.
  + Only “is” key word used then it is a mapping of local currency to Roman Numeral. At this point in time we will set the last local currency mapping be the current Roman Numeral setting, ex “yyx is I” then “xxz is I” the result for Roman Numeral “I” will be “xxz” as an output.
* Basic file handling, no error handling etc. at this time

Interactions:

Basic UI box for end user to provide input full file name location and full file path for output fileand

End user to provide full file path name for both input and output.

High level design

Diagram

Description automatically generated