Name: \_\_\_\_\_\_\_\_\_\_Lam Phan\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This is an individual assignment.

Read through the PowerPoint Lecture on RM Tools and the Article “12 Key Questions To Ask Before Selecting A Requirements Management Software — Business Analyst Learnings."

Based on your reading, and your experience with the Habitat project, create 10 requirements for a Requirements Tool specification. Create descriptions in the format “The product shall…” Only the description statement is required, you do not have to use the other attributes of an atomic requirement.

Create requirements based on the ***numbered items from the article***:

#4 – Write one specific requirement for Volere Process traceability. In other words, create a requirement that includes the process Volere uses to trace requirements from lowest to high levels and from highest down to lowest. Be sure to include what the tool will use to perform the trace.

Each requirement stated within the Software Requirement document must be uniquely identified to achieve traceability from lowest to highest levels and vice versa.

#5 – Write two specific reporting requirements – what type of information is to be shown on each report – Think about what reporting you want to help you on the Habitat project.

The product shall have a report button so that the user can report the bugs, or comment on things that the product could do better.

The report shall be able to be formatted in PDF format.

#6 – Write one tool integration requirement

The product shall provide a means of integrating with other relevant tools in the organization.

#7 – Write one workflow requirement

The product shall align with the chosen business analysis practice which could be Waterfall or Agile.

#8 – Write one change requirement

The product shall provide features for change tracking. In order for requirements specifications be changeable related concerns must be grouped together and unrelated concerns must be separated. The product shall let the user see all the changes made to it.

#9 – Write one requirement that would allow you to upload models or diagrams from other software tools

The product shall let the user upload data models or diagrams from other software tools.

#11 – Write one requirement that addresses approval cycles – consider the review cycles in the Volere process

The product shall be testable in such manner that pass/fail can be derived from the specification itself.

#12 – Write two requirements for how the tool might flag errors in project deliverables

The product shall provide a means of checking the validity of requirements by flagging when certain mandatory fields are not populated.

The product shall flag errors when the user upload untrue data to the system.

***To receive full credit, the 10 requirements must be specific to the Volere process and/or to the Habitat class project.***