Requirements and Specification, ESOF 328, Spring 2022
Documenting the Requirements, Chapter 10, Jan. 26

Evaluate the following requirements and write new requirements if necessary.

R01. Invalid commodity income, less than on Next button press
While compiling the data, if the expected income of a commodity is less than 0 when the user presses the 'Next' button, the program does not continue to the next screen.
Rationale: Gross revenue cannot be negative for any commodity.
Priority: Imperative

Requirements checklist:

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
Prioritized (imperative, important, desired)		
Rationale is given		
Tells what is required		
Tells under what situation		
Clearly written, unambiguous		
Avoids premature design		
Can't be broken into multiple more clear requirements		
Necessary requirement (also check that it wouldn't be better expressed as a non-functional requirement)		
Realistic		
Testable		
Stands on its own – other requirements don't need to be examined to understand what this means		
Uses terms/approach consistent with the rest of the document		

R02. Print report selection
When the 'Print report' button is selected, a standard Windows print dialog is created.
Rational: Windows standard
Priority: Desired

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
Prioritized (imperative, important, desired)		
Rationale is given		
Tells what is required		
Tells under what situation		
Clearly written, unambiguous		
Avoids premature design		
Can't be broken into multiple more clear requirements		
Necessary requirement (also check that it wouldn't be better expressed as a non-functional requirement)		
Realistic		
Testable		
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Uses terms/approach consistent with the rest of the document		

R03. The system shall interface with the Actuarial Document Master
Rationale: In order to calculate the Adjusted Gross Revenue, the tables stored in the
Actuarial Document Master will need to be accessed.
Priority: Imperative

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
Prioritized (imperative, important, desired)		
Rationale is given		
Tells what is required		
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Clearly written, unambiguous		
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R04. AGR-Lite shall collect information in order to determine eligibility of AGR-Lite purchase:

- a.) User must be in an eligible state and country.
- b.) User must have five consecutive years of tax records, not including the immediate preceding year.
- c.) User's annual adjusted gross revenue must be $2 million or less.
- d.) User must not have more than 50% of allowable income from commodities purchased for resale.
- e.) User must not exceed 83% of total revenue from potato production.

Rationale: Users should not be allowed to enter data and calculations unless they are eligible for the AGR-Lite package. This requirement will be used to ensure that eligibility for AGR-Lite is taken into consideration.

Priority: Imperative

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
Prioritized (imperative, important, desired)		
Rationale is given		
Tells what is required		
Tells under what situation		
Clearly written, unambiguous		
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Can't be broken into multiple more clear requirements		
Necessary requirement (also check that it wouldn't be better expressed as a non-functional requirement)		
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R05. User Report
AGR-Lite shall produce a report that calculates and displays the following information:

      a.) The user's name, address, phone number, and email.

      b.) The user's premium and coverage-level chart.

Priority: Imperative

Rationale: This program is to compute the user's premium and display it in a user-friendly report. This requirement will be used to ensure that the generated report displays the correct information.

	Satisfied?	Why or why not?
Identified by a number		
Identified by a short phrase		
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Rationale is given		
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