

Spreadsheet domain model

Requirements

- R1: Cells can contain numerical values, text values and formulas
- R2: Formulas always start with '='
- R3: System must be able to process formulas
- R4: Deal with linked cells and arrays of cells
- R5: System must be able to recompute cell values if the value of another cell has been changed
- R6: System must be able to deal with functions in the library: SUMA, MIN, MAX and PROMEDIO
- R7: System has to create and store the content of the spreadsheet in a txt file S2V format.
- R8: System must be able to get a file from local disk and from internet connection
- R9: User Interface must not be graphical
- R10: For interacting with users, program shall present textual menu options
- R11: All interactions required shall be done as a sequence of questions/answers
- R12: All issues must be notified to user through a message in the console

Spreadsheet UML Diagram

