

# Range Of Requirements

## Functional Requirements

- Correctness: making sure the program outputs correct results with calculations
- User friendly interface and navigation: making sure users can easily navigate through desired options on the graphical user interface
- Data validation and error handling: making sure any error that may break the program is handled as effectively as possible

## Measurable Quality Attributes

Characteristics that can be quantitatively assessed during the evaluation of the program, less subjective:

- Resource use
- Performance
- Functionality
- Reliability
- Efficiency
- Maintainability
- Testability

## Qualitative Requirements

Characteristics that cannot be exactly quantitatively assessed during the evaluation of the program, more subjective:

- Usability
- Readability
- User Experience