# Software Requirements Terminology Guide

The following terms have been explained as concisely as possible. For further detailed explanations please refer to the corresponding lectures.

**Software Requirements:** A finite list of specific, unambiguous wants and desires from the customer.

**Feasibility Study:** A formal report on how viable the proposed project is likely to be.

**Software Requirements Specification:** A formal working document that contains all software requirements.

**Functional Requirement:** Functional requirements define the software-functionality that the developers must build into the product to empower its users, with the ability to accomplish their tasks, and fulfil their businesses requirements. In layman's terms, functional requirements state “what the system must do”.

**Non-Functional Requirement:** Non-functional requirements are by contrast more Constraints or standards that have been imposed upon the system, which it must exhibit or comply with.

Non-functional requirements define the system’s qual-ity characteristics.

**Business requirements:** These are of most importance to project stakeholders, which includes the people paying for the work to be completed, the employees that will use the system and the project manager for planning purposes. Business requires directly drive the purpose of the project, they are the reason the project was even considered in the first place. Business requirements are the problems that are trying to be solved.

**User requirements:** These are more focused on the end user, the employee, or the customer that will be interacting with the system on a day-to-day basis. User requirements need to capture all possible inputs and outputs to the system. These IO aspects may include, efficient screen flow, support for bulk operations, integration with internal and/or external systems etc.. Documenting these requirements will coax out many-more, user experiences and suggestions, than were first considered. (Record them!)

**System requirements:** these include aspects of the proposed solution which are less obvious than database files, or the generated monthly reports.

They can also include functional aspects, system architecture, performance and response times, monitoring, reporting and notification features and a whole lot more…

**Quantification:** The process of identify how many features and to what intensity they will be investigated.

**Qualification:** The process of reviewing the quantified features, removing duplicates and un-needed items