Requirements process

**Entry criteria**

Project Vision Statement.

Project Proposal Document

(Signed off or agreed with your supervisor)

**Implementation**

Complete Research write it up. Complete main chapter.

**Vision Document.**

Purpose:

A vision document defines the high-level scope and purpose of a project. A clear statement of the problem, proposed solution, and the high-level features of a product helps establish expectations and reduce risks.

The template should include the following:

* Purpose / Introduction
* Scope / Outline
* Stakeholder and user descriptions
* Product overview / features
* User requirements, functional and non-functional, Look at reqs models. Priorities list (MOSCOW method). Each requirement is uniquely identified. A 3 digit number starting with 000.
* Solutions – technology etc
* References

Class template <https://www.ibm.com/support/knowledgecenter/en/SSYMRC_4.0.3/com.ibm.rational.rrm.help.doc/topics/r_vision_doc.html>

Agree and signoff with supervisor.

**Functional Specification.**

A functional specification is a formal document used to describe in detail for software developers a product's intended capabilities, appearance, and interactions with users. The functional specification is a guideline and continuing reference point as the developers write the programming code.

Add User stories for all **Must have** and **Should have** requirements. Need the details for each story.

A unique number – Req no – Story no.

Title

Description : As a <type of user> I want <some goal> so that <some reason>.

Prioritise using Moscow

Estimate using hrs – 6-8 hrs max

Fully defined Acceptance criteria. A test for each criteria.

Check that each story complies with the INVEST model.

Can be done in work or execl or online tool. Tools such as Trello, sonicagile, TFS.

Proof read, spell check,

Signoff by supervisor.

Project Plan.

Table with a weekly break down. Use hrs for task times.

ID any risks to the project. If possible id and preventative action or corrective action.

**Exit criteria**

Vision Document

Functional Spec

Project Plan , Risk Analysis

Main research chapter complete.