Notes for documentation

The current system (Documentation purposes)

* Description of business system "as-is" with all of its flaws and idiosyncrasies
* Need to show you understand the business before solving problems
* Need to identify business processes that need to be computerised
* Description of problems & lost opportunities in the current business system. Possible business requirements (the real reasons for the new system):
* Unreliable processes
* Poor service offerings
* Low market share
* Better security
* Lower cost
* Using UML for describing the current, non-computerised)system is NOT required! Instead, do it in plain English.

The system requirements

* User requirements (e.g., using Volere templates) for IPOS, usually used for a contract are not @ required.
* This is a simplification of the analysis phase of software development, adopted to reduce the effort on teams (and on markers!).
* The respective section in "User Requirements" of the submitted 1st Team Deliverable must be included, but left blank
* for further details see the provided template for "Dental Pro: Requirements and High-Level Design", available on Moodle.
* Model of system "to-be" (the one you are going to build)
* Use UML to describe and represent the system requirements
* To be used by the developers of the IPOS prototype
* Statement of required functionality to solve the business problem, NOT a design (what to build, not how to build it)

Prioritisation of functional requirements

•Indexed list of functional requirements (use cases or user stories) prioritised according to users/customer' priorities and impact on projected risks during development
* What parts are essential (i.e. without them the software that you develop is unlikely to be useful
* Account for time and budget (e.g. time available) constraints, too! Functionality, likely to take too long, can be given lower priority even if the functionality is important.
* This should help drive the implementation tasks
* You can use a tabulated format to rank the functional requirements. For example:
* The first column lists the use-case/user story ID;
* The second column lists the chosen priority level (e.g. a value from a chosen scale (say, 1-5, specify the meaning of the scale, e.g. 1 - lowest priority, 5 - the highest priority, or nominal values (low, medium, high));
* The third column provides a justification for the chosen priority level. This might be based on the case-study description given in the Student's Brief, statements from the customer (in interviews), or your own judgement of importance of the use cases for the system.
* The content of this last column is essential!