**Software Engineering and Design**

Medical Health Care – Patient Management System

**Task 2**

**2.1.**

**Pro Plan Driven:**

* Easier Planning (team)
* User knowledge is low (team)
* Project needs a lot of documentation (first analyses)
* High security needed, needs a lot of documentation (first analyses)

**Contra Plan Driven:**

* Customer requirements not very precise (customer)
* Customer requirements adjusted during process (customer)
* Try out for state of the art software engineering
* Customer involved in software development

**2.2.**

Process Model: **Incremental Development**

**Activities:**

* Specification
  + Detailed software requirements description
    - Feasibility study
    - Customer interview
    - Requirements elicitation and analyses
    - Writing requirements report
    - Requirements validation – Checking the validity of the requirements
      * + Output: Requirements Document
* Development
* Validation

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| --- | --- | --- | --- | --- | --- |
|  | Goal | Task | Output | Relation | Involvement |
| Specification | - | * Feasibility Study * Customer Interview * Requirements elicitation and analyses | * Requirements Document * Component dependencies * Component priority list * Prioritizing critical success factors |  | * Customer, User |
| Development |  | * Component Design: Database |  |  |  |
| Validation |  |  |  |  |  |