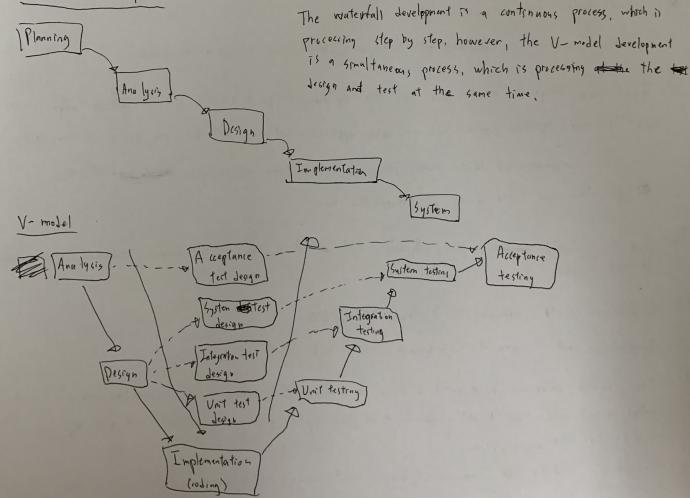
MAK Chi Wang 210045798 5E/1D

1. The systems development life cycle (SDLC) is the process of determining how an information system (IS) can support business needs, designing the system, building it, and deliciting it to users. The first phase is planning, it is the fundamental process of understanding why an information system should be built, and determining how the project team will go about building it. The second phase is analysis, it canswers the questions of who will use the system, what the system will do, and wether where and when it will be used. The third place is Design, it decides how the system will operate, in terms of the hardware, software, and network infrastructure; the user interface forms, and reports that will be used; and the specific programs, database, and files that will be needed. The final phase is Implementation, during the implementation phase, the system is either developed of purchased (in the once of quekaged software) and installed.

2. Waterfall development



- 3. Parallel development, Iterative development and Agile development. MAKChi Wang 2102 48798
- the first area is technical tensibility, it is the extent to which the system can be successfully designed, developed, and installed by the IT group. A technical risk analysis that strives to answer the question: Can we build it? The second are is economic feasibility, it is also called a cost-bonefit anglysis, that identifies the costs and benefits associated with the system. "Should use build it?" The final area is is organizational / operational feasibility, how well the system ultimately will be accepted by its users and incorporated into the organizations of the organization. "If we build it, will they use?"
- 5- Client computer, input -output devices amployed by @ users (e.g. P(s), Server, larger multi-users computers used to store software and Jula, The network, connects the computers.
- 1. 6. Questionnaires and Document analysis.
- 7, Estimate system size, Estimate effort required, and Estimate time required.
- R. Architecture design is a plans-for how the system will be distributed a cross multiple computers and what hardware, operating system software, and application software will be used for each computer:

 The first components is data storage, the second is adata access logic, there there is application logic, and final is presentation logic.
- 9a. Due to a tight project schedule, and munchar user requirements, watefull indevelopment is not a good choice.
- 96. Development costs: development bindget 900 KHKD.

 Operational cost: annual maintenance cost 90 KHKD.
- 90. The tangible value can be quantified and measured easily creduction win operating costs). An intangible value results from an intuitive belief that the system provides important, but hard to measure benefits to the organization.

Tangible: reduce the number of employees to reduce 5% expenses / year.
Bring up lok more new conscustomers and an additional income of 20% / year.

In tangible: Bring to store mire speed up the sales process thence the clients will have a smooth rental or laying experience.

9d. Project Charter

Bockground : A Computer System have - an online cata logue allowing the salespeople to search for the care

FOS system, and with inventory management.

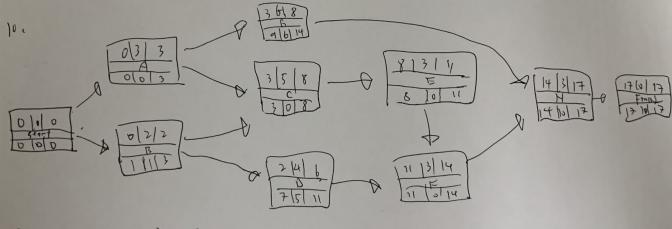
Scope - 1- Retrieve our information.

2. Rending NIC tag for cor

?. Add, edit, delete car records.

Key stakoholders: Project team, Project Monayer, CTOO

Tec. & Because the budget is is not high, and the maintenance cost is below, with 20% additional income of 20%, and a reduce 5% expenses, it is eventh to invest.



106. Critical Poth: A- (- E-F-H.