Lab 001

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Jul 31, 2023

2021 01197

Answer a) : Waterfall process model because it is best suited for given all requirements and no changes in requirements and in this system data is given we need to just arrange this in a format.

Answer b) : Prototype process model because in this system users are new and they don't know anything about computers so software should be user friendly or UI in priority so for UI based software prototype process model is suitable.

Answer c) : Incremental process model because we can implement this system module wise such that each new module can use previous one and do changes in respect to that module because of this we can continuously maintain the user satisfaction and improve our system each time when we add a new feature.

Answer d) : Agile process model because it is a combination of incremental and iterative model which can reflect on constant change of requirements.

Answer e) : Agile process model because in this system there is a long list of new features which need to be added and for quick process we can use agile model because it can add every new feature in minimum time.

Answer f) : Spiral process model or waterfall process model because of the proper functioning and the design. And the requirements must be scheduled without and flows. And using the spiral process model we can reduce risk as much as possible.

Answer g) : Incremental process model because it has very complex coding and some of the requirements cannot be understood without basic implementation.

Answer h) : Waterfall process model because it has already been implemented so we can properly understand the requirements and we can reuse those requirements and model.

Answer i) : Prototype process model because for every user system must be user friendly and for that UI is priority and for such a requirement prototype process model is suitable.

Answer j) : Spiral process model can be best for this system because our requirements can be known in time and after every cycle we can analyze the risk and reduce them as much as possible.

Answer k) : Agile process model because it is well suited for scenarios where requirements are likely to change frequently and it ensures that requirements documentation and system implementation do not become inconsistent.

Answer l) : Spiral process model can be best for this project because our requirements can be known in time and best in this medical equipment user safety is priority and for reducing risk this process model is suitable.

Answer m) Waterfall process model because in this system there is no change in requirements so using this we can implement an accurate system.