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ASSIGNMENT-1

Q-1

Waterfall model is more suitable for this scenario. Because it is a large scale project and the specification of requirements such as patient information, information of treatment they received must be clear before implementation. Secondly this system does not require maintenance because it is not a complete medical record system.

Q-2

In this scenario agile methodology and extreme programming is more suitable. Because the demand of the application is very quick. And customer engagement with the development team is must to perform tasks such as transfer of money, phone balance etc. Testing is required for the input of users. After the launching of the app changes and improvement is possible.

Q-3

EXAMPLE OF SOFTWARE PROJECTS

1-RADAR SYSTEM

Waterfall model is suitable for this, because it is a very sensitive system and a very minor mistake cause in the result of several deaths. So all the calculation must be specified before initiating the system. Verification and Validation must be done before the initiation.

2-SUPPLY CHAIN MANAGEMENT SYSTEM

This system requires a proper specification of raw materials, sale of the product. This system also controls all the production, trading and distribution. So the waterfall model is more suitable to handle such a system.

3-CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM

It is a business base system so there is a chance of business lost if the data of the customer such as name, email, account number is not clear. So the waterfall model is more

flexible to handle such type of a system .All the details of the customer must be verified before implemented on the system.

Q-4

ADVANTAGES OF AGILE PROCESS MODEL

- *Functionality developed very rapidly.
- *Easily change your Requirement .
- *Easy to manage Requirement.

DISADVANTAGES OF AGILE PROCESS MODEL

- *There is a high risk of maintainability
- *It depends on communication with the customer.
- *Insufficiency of documentation.

ADVANTAGES OF INCREMENTAL PROCESS

- MODEL** *Working Product will get quickly.
- *Changes can be possible during development.
- *Customers can give feedback after every increment .

DISADVANTAGES OF INCREMENTAL MODEL

- *Good Design and planning required.
- *Need a clear explanation of whole system
- *More costly than waterfall.