1. a) WATERFALL MODEL

Because all the requirements are identified and stable.Thus a sequential and straight forward model will be ideal for this type of software

b) AGILE MODEL

Because the agile development consider the following:

* Requirements are assumed to change
* The system evolves over a series of short iteration
* Customers are involved during each iteration
* Documentation is done only when needed

This makes the agile model a great model for projects with changing requirements

c)SPIRAL MODEL

Because the requirements are not so clear.So at each evaluation phase,the customer is

allowed to evaluate the output of the project to date before the project continues to the

next spiral.

1. This model has 6 stages which are:

* Analysis
* Design
* Implementation
* Testing
* Deployment
* Maintenance

Each phase must be fully completed before the next phase can begin.At the end of each phase,a review takes place to determine if the project is on a right path and whether or not to continue.

The waterfall model is easy to understand and use.It does not require a lot of customer involvement after the specification is done.Since it is inflexible,it can’t adapt to changes and there is no way to see or test the software until the last phase