

### CASE STUDY~1:

The most Suitable Model is the “Incremental Model”, as the ABC company are facing their first project, if the project works meet up its requirement, it needs to be stopped at developing stages itself. In incremental model the requirements are repeated based on the categories and they are designed separately. In each increment specific module is designed, so if any part gets errors the next part has to be halted. Otherwise, if we came to know that are propped wrong at the end all the infrastructure effort is wasted and the project comes the estimated budget.

### CASE STUDY~2:

The best model for this scenario will be the “Agile” Methodology, because of the angular requirements. As we have some sprints that is of duration 2-3 weeks. The team has to be clear with the requirements and values themselves by making customer action as the key priority and they even can get customers feedback on what they have prepared and can add any changes if required. Throughout the development cycle, the developed team can get the requirements clear and reach upto the customers requirements.

### CASE STUDY~3:

By seeing the case study-3, we can say that we achieve it on agile model i.e., particularly “Scrum Framework” Because, there is a much competition in the market and they also need to work on different functions simultaneously.

### CASE STUDY~4:

As the software requirements are very clearly mentioned, the most suitable software development life cycle is “Waterfall Model”. Because, in this model we know the actual requirements as what to do.

### CASE STUDY~5:

We can see that here both the process and the requirements are very well defined and gathered correctly and there is no any other rapid changing requirements and changes. So, we can conclude that the “Waterfall Model” in somehow best suited for this.

### CASE STUDY~6:

Here by seeing the requirements of the problem we can say that the “Incremental Model” is well suited. Because, these are required of more

additional increments like, hence health portion, requirements, payments and modern operations.

#### CASE STUDY~7:

Here we can say that by looking at the scenario as “ Waterfall Model” is well suited for this. Because, the income tax filing portal needs to gets update with the clear requirements.

#### CASE STUDY~8:

For the given scenario, we can say that most relatable model is the “Agile” Methodology. Because of the angular requirements. As we have some sprints that is of duration 2-3 weeks.

#### CASE STUDY~9:

As we are likely to develop something occur there is a need of safety and reliability. The key factors are the validation and verification. So, we can say that “V-Model” is best suited.

#### CASE STUDY~10:

As we can see that the required project needs of a well defined process, a legal complex and regulated environment, proper planning and also the validating we can say that both “V-Model” and “Waterfall” model are well suited.