\*Make a table with following attributes

\* Model name

\* Phases

\* Advantages

\* Disadvantages

\* Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model\_name | Phases | Adv | Disadv | Summary |
| STLC | Requirement Analysis | Allows software engineers to define user needs early in the development process | Processes still need to be analysed and documented into requirements | * Functional testing * Non functional testing |
| STLC | Test Planning | Acts as a blueprint to do software testing in a defined process | Consumes lot of time and effort | Reduce risk while finding problem earlier |
| STLC | Test Desgin | Provide a more structured approach to testing | Creating a plan for how a test will b e conducted | Contains pre condition and post condition |
| STLC | Test Environment Setup | Reduce production costs by finding the bugs in the early stages | Minimizing the risk of production failures | Created by integrating hardware, software, proper network configurations and data necessary to run testes |
| STLC | Test Execution | It identify bugs, errors and other potentialissues your software couls have | When you execute a test the execution details are saved in an execution result | The process of executing the tests written by the tester to check whether the developed the expected result as per the client |
| STLC | Defect Tracking | Helps you ensure that bugs found in the system actually get fixed | It has some deviations | Process of finding and monitoring bugs or errors during software testing |
| STLC | Test Reporting | Helps them in understanding what they need to do to reproduce the problem | It synopsis of all the test activities of the team, test objectives, and the results of a testing project | Understand how well testing was performed and identify the reasons behind a failed test reports |
| STLC | Test Closure | Helps to check whether the planned deliverable are properly delivered to the client end | The software product meets the requirement of the end users | Where you evaluate the results and outcomes of the testing process, documents |