Assignment1 SDLC ( Software Development Life Cycle) The Software Development Life Cycle (SDLC) refers to a methodology with clearly defined processes for creating high-quality software. in detail, the SDLC methodology focuses on the following phases of software development

* Requirement analysis: What are the current problems?”
* Planning:“What do we want?”
* Software design such as architectural design:“How will we get what we want?”
* Software development:“Let’s create what we want.”
* Testing:“Did we get what we want?”
* Deployment:“Let’s start using what we got.”

The most used SDLC models are:

* Waterfall Model
* Agile Model
* Spiral Model

Benefits of the SDLC

* SDLC done right can allow the highest level of management control and documentation
* Developers understand what they should build and why
* All parties agree on the goal upfront and see a clear plan for arriving at that goal
* Everyone understands the costs and resources required.

To conclude, SDLC ensures the process works in a smooth, efficient, and productive way.

Interview Questions

* What is SDLC?
* Which SDLC model is best and why?
* Explain the types of SDLC model briefly?
* what are the importance of the SDLC process?
* What are the 3 most common SDLC model?