

- The SDLC is a cycle that will ensure that programmers will produce the highest level of software that they possibly can, in an effective manner.
- It appears that each Software Development Life Cycle follows a general outline of the following, and without it, one is sure to fail, or not do as well:
 - Requirement analysis
 - Project Planning
 - Software design
 - Software Development
 - Software Testing
 - Program Deployment
- Has many added benefits such as:
 - Increased Efficiency
 - Reduced production time
 - Lowering costs
 - Improving quality
- Begins by analysing current problems with the software and creating solutions, then implementing them
- Current problems may be stated by anyone, developers, shareholders, managers, consumers, anyone at all! (That is using the product)
- Those problems are then analysed and best approaches are created for solving them, these approaches will maximise efficiency and also minimise costs
- A design specification is made and reviewed by all people involved, after, the programming can begin
- Programming begins and an incredibly important part is that all programmers stick to the original blueprint plans
- Functionality is then tested for as well as if there are any errors in the code
- Code is then deployed and available for use to end the cycle, until more must be done on the code.

References

Altwater, A. (2023, May 2). *What is SDLC? understand the software development life cycle*. Stackify. <https://stackify.com/what-is-sdlc/>