Assignment 1

SDLC Overview - Create a one-page infographic that outlines the SDLC phases (Requirements, Design, Implementation, Testing, Deployment), highlighting the importance of each phase and how they interconnect.

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SDLC Phases:

1)Planning :

•Gathering client’s requirements

•Defining project scope

•Set objectives & goals

•Resource planning

2)Requirement analysis :

•Analyzing functional requirements

•Analyzing technical requirements

•Checking for feasibility

3) Designing :

•Creating overview of software before actual development initiates

•High level designing:

•Low level designing: design each and every feature in details

4)Coding :

•Actual developments starts here

•Coding is done by developers

•Review the code developed as per requirement

5)Testing :

•Tests whether the developed product meets the client requirement or not

•Improves the overall quality of the software

•System testing, manual testing and automated testing happens here

6)Deployment :

•Code is released in real world environment

•End user do the testing in real world environment

7)Maintenance :

•After services provided to the customer after deployment as per service agreement

•Patch update, log file capture, version updates are done in maintenance phase

•Makes software more reliable, stable and up to date as per user feedback

