DAY-2(ASSIGNMENT-1)

SDLC Phases:-

Requirements Analysis and planning

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Design

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Implementation

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Testing

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Deployment

1)Requirement analysis and planning:-

In this phase requirements will be gathered from the client and planning for the development starts.

Information gathered in planning influence all the subsequent phases

2)Design:-

Based on the requirements designing of the project will be done in this phase. Converts business requirements to blueprint for building the system.

There are two types of designing.

a)High level design:

Complete structure of the product

b)Low level design:

Design of each and every details or feature will be done.

Ex: class diagram, activity diagram, flow diagram, uml diagram, etc…

3)Implementation:

Real development of the project will be done in this phase. Coding for the functionality will be written in this phase.

Converts the design into a functional system by writing code.

4)Testing:

After development phase, the code will undergo testing to check the functionality is giving correct output or not.

Verifies that the system meets all the requirements and identifies defects

5)Deployment:

After testing phase is successfully completed, the product will be released to the customer or end user.

Deployment ensures user acceptance and system functionality in the live environment.