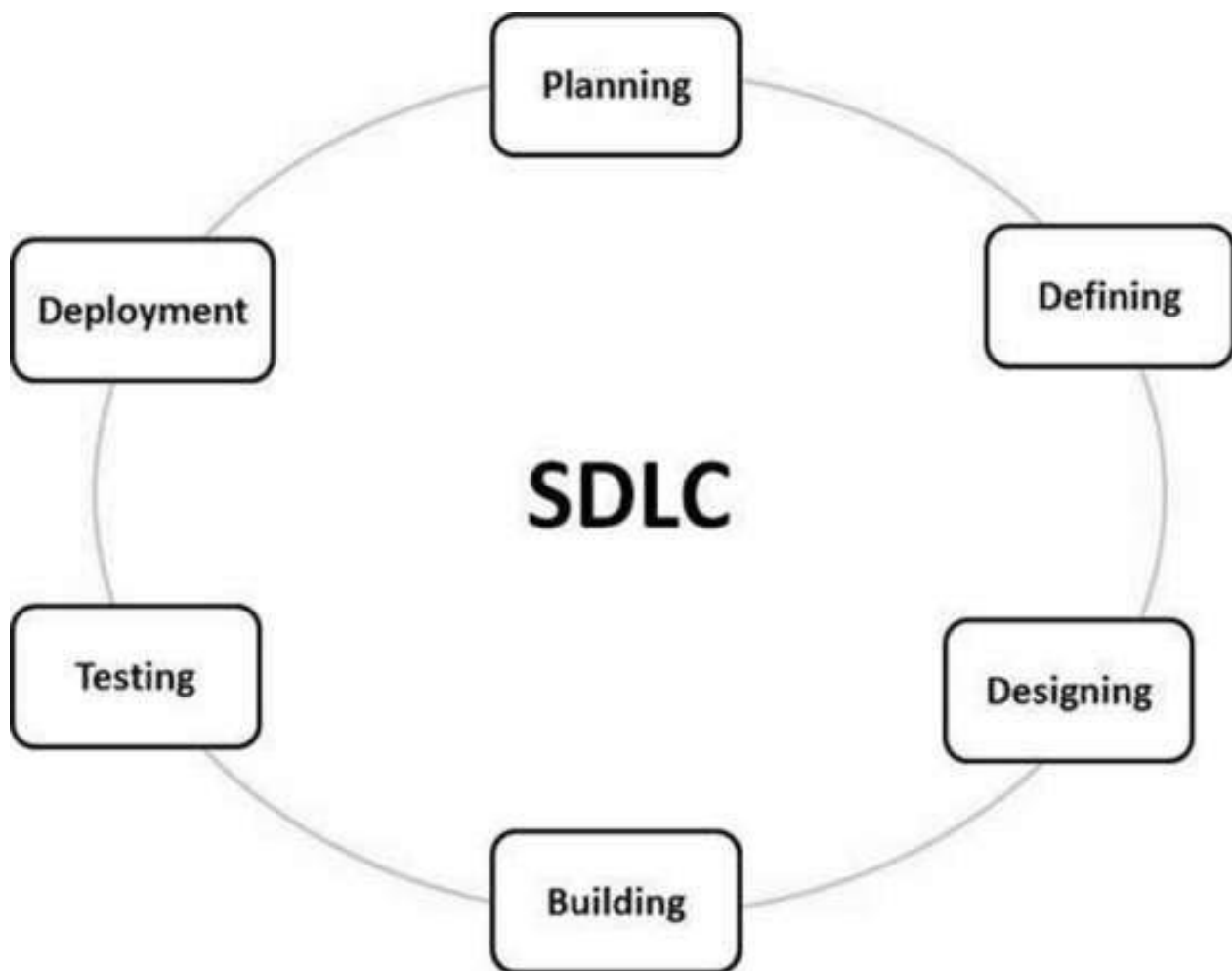


Assignment 1:

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.

SDLC Architecture:



Zomato Application Development

Step 1:

Planning or requirement analysis

- Get input from customer to understand user needs, market trends, and business objectives.
- Analyze requirements such as user profiles, search functionalities, restaurants, ordering process, and payment options.
- Most of the project decisions like risks, time, and requirements are done in this stage.

Step 2:

Defining requirements

- Once the requirement analysis is done the next step is to Clearly document the features and functionalities required for the Zomato application.
- After defining the product get them approved by the customer.
- If the customer approves move to the designing part.

Step 3:

Designing product architecture

- Design the overall architecture of the Zomato application, including database, UI, and other customer requirements.
- After designing the product the best design approach is selected for a project.
- After that it will move to the Development secession.

Step 4:

Building or Developing the product

- In this stage develop the Zomato application according to the design specifications.
- Hear developers must follow the coding guidelines defined by their organization.
- The programming language is chosen with respect to the type of software being developed.

Stage 5:

Testing the product

- After the development of the product, test the software is necessary to ensure it's smooth execution.
- And hear testing works on the base of customer requirements.
- If all the requirement test cases are passed it's will move to the deployment phase.

Stage 6:

Deployment and the maintenance of product

- After the product passes the all testing phase and it's working smoothly then deploy the Zomato application to production environments for users to access.
- Then releasing a product get customer feedback.
- Using customer feedback helps to implement features in the product.