



The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic look.

# WELCOME TO OUR SECOND SDLC CLASS DAY\_2

# SOFTWARE DEVELOPMENT LIFE CYCLE



-Matching the words  
with their meanings

# Match the phases with their steps

1-)Planning

2-)Defining

3-)Designing

4-)Development

5-)Testing

6-)Deployment

A-BRD is the reference for product architects to come out with the best architecture for the product to be developed.

B-Once the requirement analysis is done the next step is to clearly define and document the product requirements

C-Requirement analysis is the most important and fundamental stage in SDLC.

D-Once the product is tested and ready to be deployed it is released formally in the appropriate market.

F- In this stage of SDLC the actual development starts and the product is built.

H-This stage refers to the testing only stage of the product where product defects are reported, tracked, fixed and retested, until the product reaches the quality standards defined in the BRD.

# Match the phases with their steps

1-)Planning

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A- Based on the requirements specified in BRD usually more than one design approach for the product architecture is proposed and documented in a DDS - Design Document Specification.

B- Get them approved from the customer /business.

C-• After the product is released in the market, its maintenance is done for the existing customer base.

D- The product should meet the business expectations (requirement specifications)

E-Different high level programming languages such as C++ ,Java, dot Net etc. are used for coding.

F-It is performed by the senior members of the team with inputs from the customer.

# Match the phases with their steps

1-)Planning

2-)Defining

4-)Development

A- Developers have to follow the coding guidelines defined by their organization.

B- This is done through 'BRD' - Business Requirement Document which consists of all the product requirements to be designed and developed during the project life cycle.

C-• Plan technical approaches that can be followed to implement the project successfully with minimum risks.

# GLOSSARY

- ▶ SDLC => Software Development Life Cycle
- ▶ PM => Project Manager
- ▶ BA => Business Analyst
- ▶ Dev => Developer
- ▶ QA => Quality Analyst
- ▶ BRD => Business Requirement Document
- ▶ FRD => Functional Requirement Document
- ▶ DDS => Design Document Specification
- ▶ Requirement => task
- ▶ Waterfall method => a process of SDLC
- ▶ Agile process => a common process of SDLC
- ▶ Defect => bug
- ▶ Release => deployment