

STAGE 2: While watching

<https://www.youtube.com/watch?v=uo98gmTYmxg&t=27s>

Watch the video and choose the correct option for each question.

1. What is SDLC used for?
 - A) To design the software interface
 - B) To plan, structure, and control the process of developing software
 - C) To test the software after development
 - D) To provide requirements for a software product
2. What happens during the "requirements gathering and analysis phase"?
 - A) The project team designs the software
 - B) The customer specifies what they need from the software
 - C) The project team reviews the final product
 - D) The customer approves the project plan
3. Why is the requirements gathering phase considered critical?
 - A) Because it helps the customer select the best design
 - B) Because it organizes the project's resources
 - C) Because it ensures the software meets deadlines
 - D) Because it defines the foundation for the entire project
4. What is the purpose of the requirements specification document?
 - A) To record the software bugs
 - B) To track the project's timeline
 - C) To outline the project budget
 - D) To serve as a point of reference for the project team
5. What does the project manager do after receiving the customer requirements?
 - A) Analyze and document the requirements
 - B) Start designing the software interface
 - C) Deliver the software to the customer
 - D) Evaluate the customer's system capabilities
6. What is evaluated in the analysis phase?
 - A) The project's timeline
 - B) Whether the requirements can be included without causing problems
 - C) The software interface design
 - D) The project's financial budget
7. What is the outcome of the analysis phase?
 - A) The software is delivered to the customer
 - B) The requirements are reviewed and a specification document is created
 - C) The system is tested for bugs
 - D) The customer signs the project agreement
8. What is the importance of understanding the customer's expectations?
 - A) To avoid technical problems with the software
 - B) To develop the software exactly as requested by the customer
 - C) To ensure the software meets financial goals
 - D) To prepare the marketing plan for the software
9. What is one of Lane's key requirements for the software?
 - A) The software must be available 24/7
 - B) The application must work without requiring computer upgrades
 - C) The software must be able to manage inventory across all five stores
 - D) The software must be able to provide real-time customer support
10. After analyzing the requirements, what is the next step for the project team?
 - A) Review and adjust the project goals
 - B) Begin the design phase
 - C) Record the results in a requirements specification document
 - D) Test the software system