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Different Stages of Testing:

  Test Planning   
 Analysis and Design  
Implementation and Execution  
Evaluating exit criteria and Reporting  
Test Closure activities

  Test Planning Activities:

Defining the Scope of Project

1. What is your website?
2. How much time it requires to complete?
3. How many modules is presenting that project?
4. What is the depth precenting that modules?
5. How many test scenarios we can assume?
6. What challenges we have?
7. What different functionalities we have to verify?
8. Business analyst will be involved.

Determine Test Approach

1. Waterfall (testing started after completion of development)
2. Vmodel
3. Agile (testing ongoing with development)

Defining Test Strategy

1. How many resources to be used?
2. What is the process?
3. How many managers (designation people)?
4. How many software engeneers?
5. Define what tools?

Determine Test Resources

1. Hardware
2. Software

Define Exit Criteria

1. Commitments?
2. Parameters to say that the project is done?

Analysis and Design

Analysis of Business requirements

1. Functional requirements for the all modules of the website
2. Must have prototype
3. Must have wireframes (screen shots of the pages, UI)

Designing Test Scenarios

1. Test scenarios for functional requirements of the each module
2. Negative test cases
3. Positive test cases

Creating Test Data

Designing Testcases based on Scenarios  
Test Environment Setup

Evaluating exit criteria and Reporting

To check the test Status against the exit criteria specified in test planning.  
To assess if more test are needed or if the exit criteria specified should be changed.

To write a test summary report for stakeholders.

**Test closure activities**

To finalize and archive testware such as scripts, test environments, etc. for later reuse.  
To handover the testware to the maintenance organization. They will give support to the software.  
To evaluate how the testing went and learn lessons for future releases and projects.

Implementation and Execution

Executing the Testcases in givenTimeline  
Prioritzing the Testcases   
Writing Automation scripts if necessary  
Defect Logging and Tracking  
Test Case Status Reporting