* Introduction
  + Overview of the education system
  + Purpose of testing: Ensure that the user can view the 2 intended graphs with updated data on a website.
* Test Objectives
  + Validate that administrators can create courses and assign teachers and students
  + Verify that teachers can upload course materials
  + Ensure that students can download materials from their assigned courses
* Test Scope
  + In-scope: Course creation, user assignment, material upload, material download
  + Out of scope: User authentication, advanced course management features
* Test Levels and Types
  + Integration testing: Verify that different modules work together as expected
  + System testing: Validate the complete system functionality
  + Usability testing: Assess user interface and user experience
* Test Environment and Tools
  + Test environment: Web application running on a staging server
  + Tools: Selenium for end-to-end testing, JMeter for performance testing, Wave for accessibility testing
* Test Deliverables
  + Test plan document
  + Test cases and test scripts
  + Defect reports
  + Test summary report
* Test Schedule
  + Test preparation: 1 week
  + Test execution: 2 weeks
  + Test completion and reporting: 1 week
* Entry and Exit Criteria
  + Entry criteria: Requirements are finalized, test environment is set up, test cases are ready
  + Exit criteria: All test cases have been executed, all critical defects are resolved, test summary report is completed
* Test Resources
  + Test team: 1 test lead, 2 test engineers
  + Hardware and software resources: Staging server, testing tools
* Risk Management
  + Potential risks: Delay in requirement finalization, unexpected defects, resource unavailability
  + Mitigation strategies: Regular communication with stakeholders, efficient defect tracking, backup resources