Testing Plan

For my testing plan I will be using the structured walkthrough.

A structured walkthrough, a static testing technique performed in an organized manner between a group of peers to review and discuss the technical aspects of software development process. The main objective in a structured walkthrough is to find defects inorder to improve the quality of the product.

Structured walkthroughs are usually NOT used for technical discussions or to discuss the solutions for the issues found. As explained, the aim is to detect error and not to correct errors. When the walkthrough is finished, the author of the output is responsible for fixing the issues.

Benefits:

* Saves time and money as defects are found and rectified very early in the lifecycle.
* This provides value-added comments from reviewers with different technical backgrounds and experience.
* It notifies the project management team about the progress of the development process.
* It creates awareness about different development or maintenance methodologies which can provide a professional growth to participants.

There, the various the participants in Structured Walkthrough are mentioned below:

1. **Author:** The author of the work product is responsible for requesting the walkthrough when a meaningful portion of the product has been developed and is free of casual errors or defects. The author attends the walkthrough as an observer and answers reviewer’s general questions.
2. **Presenter:** They usually develop the agenda for the walkthrough and present the work product that is being reviewed. The presenter should be familiar with the work product and should be a member of the project team.
3. **Moderator:** The main responsibility of the moderator is to facilitate the walkthrough session and ensure that the walkthrough agenda is followed. Moderators also encourage the participation of all reviewers. Moreover, the moderator can also be the scribe.
4. **Reviewers:** Evaluate the work product to determine if it is technically accurate. The reviewers also assess whether the project guidelines or standards are being followed, the project requirements are met, and whether the product is properly prepared.
5. **Scribe:** The scribe takes notes during the walkthrough. Their responsibility is to record the errors that are identified and any other technical comments, suggestions, and unresolved questions. Also, a scribe cannot be a reviewer.

**References:**

Tutorialspoint.com. (n.d.). Structural Walkthrough. Retrieved from <https://www.tutorialspoint.com/software_testing_dictionary/structured_walkthrough.htm>