

	<b>Test Number:</b> 01	<b>Test Type:</b> Alpha	<b>Project:</b> Automated Certificate System
	<b>Attendees:</b> Developers		<b>Attendee Count:</b> 2
	<b>Date:</b> June 17-19, 2025		<b>Performance Report Number:</b> 01
<b>Developers</b>	Orillos, Lark Dominique		Fullstack Developer
	Tauli, Duane		Penetration Tester

**Overview:** The Automated Certificate System developers conducted the first alpha testing over two devices as both the admin and the user. The usability test has been concluded with the core functionality working as intended and the name placement is as precise as it should be.

#### **End-users:**

The end-users are two PCs, one who served as an admin and another who served as a user

#### **Operational Procedure:**

The admin created an event, added sample questions, selected a certificate template, adjusted the name placement, and deployed the feedback form. Now, the other device who served as the user was sent the link for the feedback form and conducted various scenarios for names including very long names, names with special characters, and did a simple no-SQL injection script to ensure that no data breaches will occur.

## **Findings:**

### **Findings | Name Generation Accuracy**

The system has passed all scenarios for name generation and placement. No overflows, cut elements, and sudden new lines were created.

### **Findings | Penetration Testing**

The system has passed a basic no-SQL injection, a security attack that directly targets a system's database and execute commands directly using a user input. The script was written as if it was a name inside the certificate when it was generated and was not executed by the database. Therefore, the attack was mitigated.

## **Suggestions:**

- Fix department selection into a radio button list, instead of manually writing
- Add more options on the user's input list
- Making the user feedback form to be answered once per device only