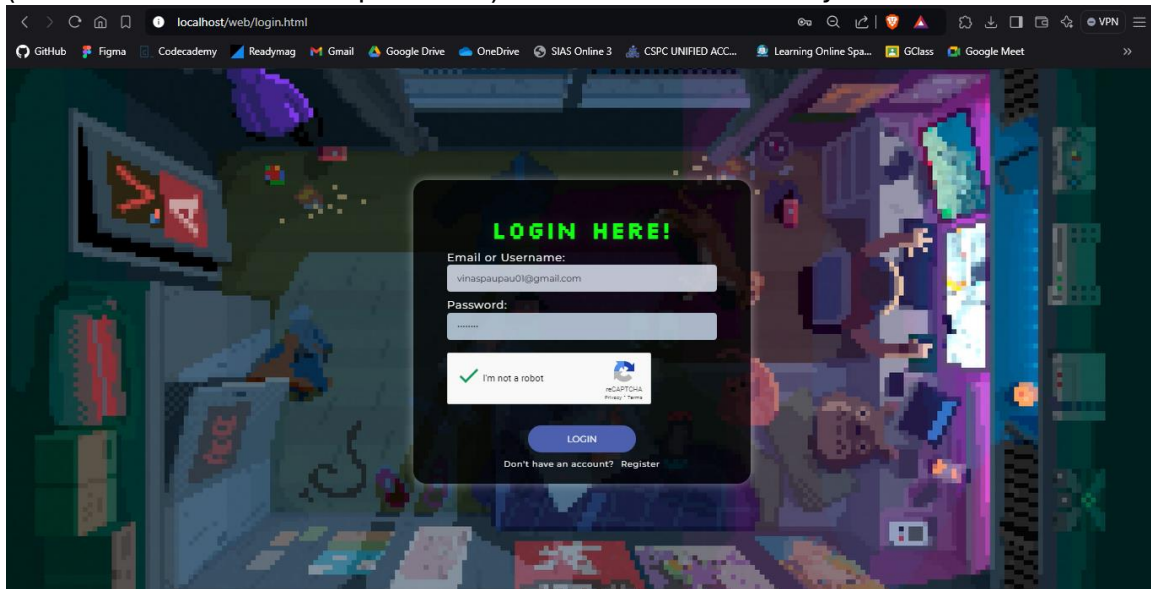# STATUS UPDATE
(WEBSITE)
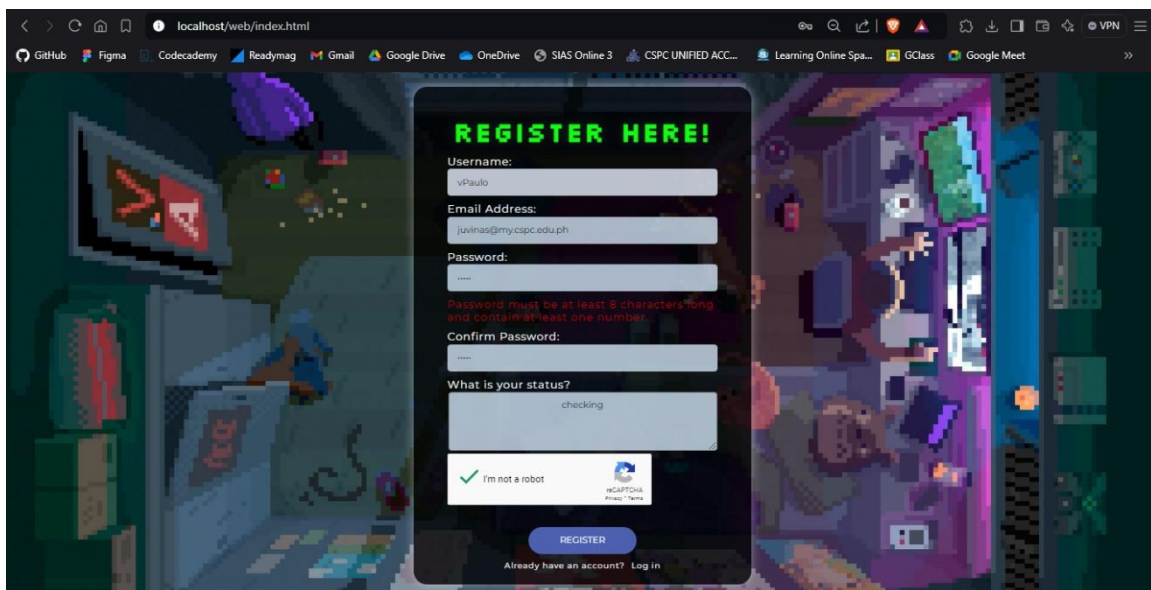
User Authentication & Security for a System :

1. **Username and Password Authentication**
   This security method of user authentication requires users to input their credentials (such as a username and password) in order to access the system.
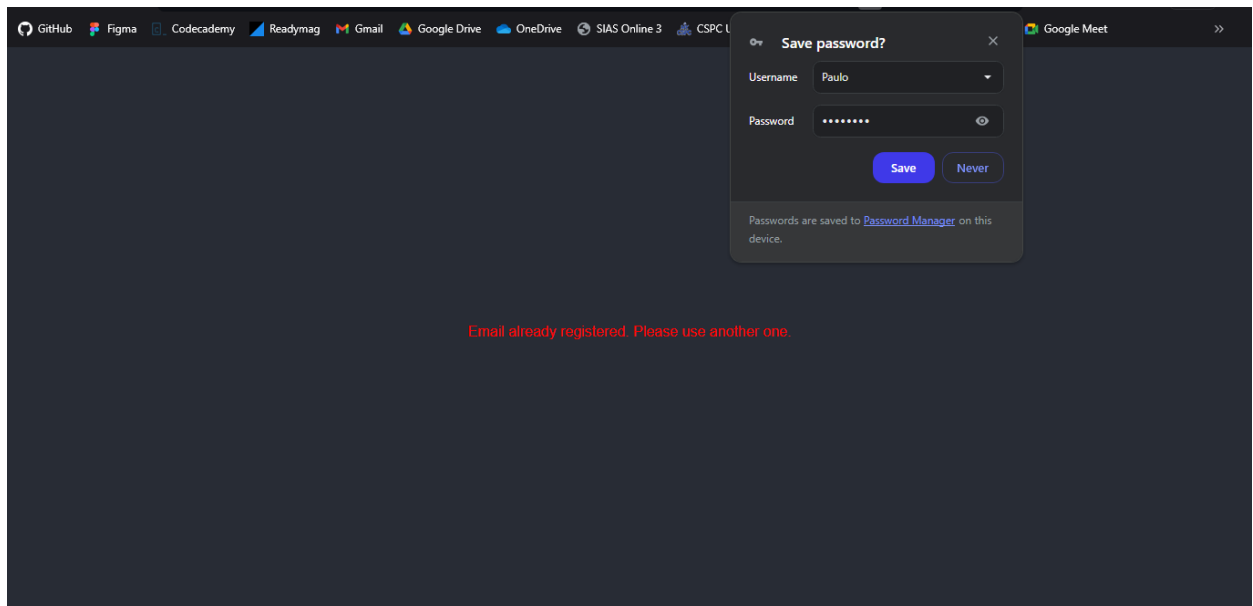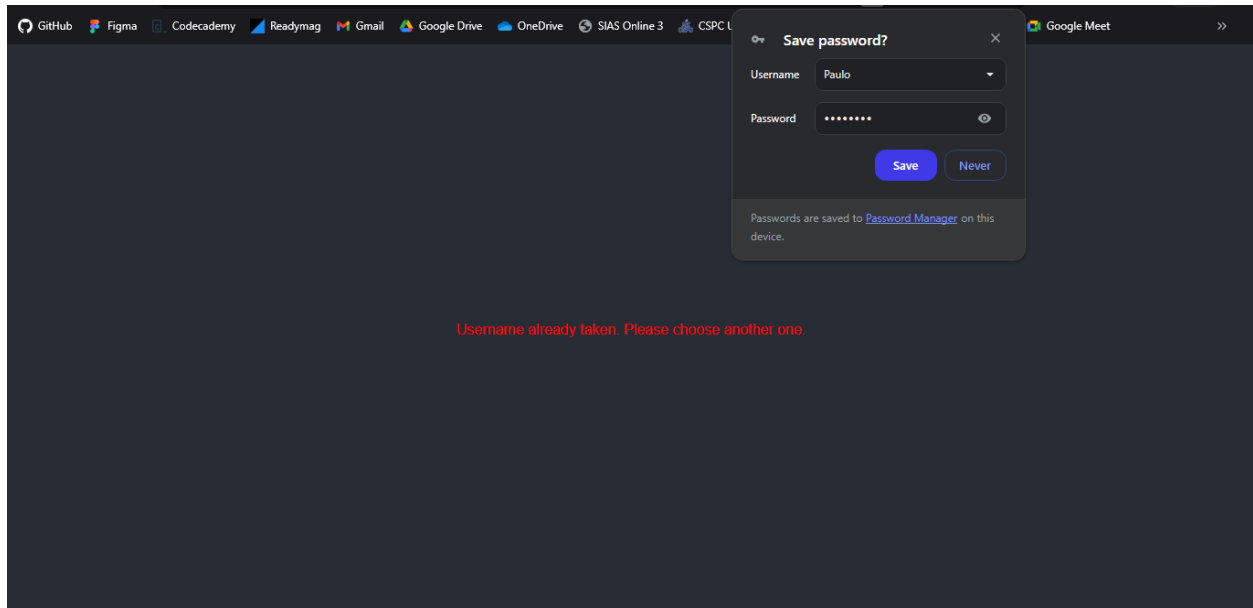

When creating an account, the username and password should not be duplicated; otherwise, the account cannot be created. Also, the password should have 8 characters and at least one number.
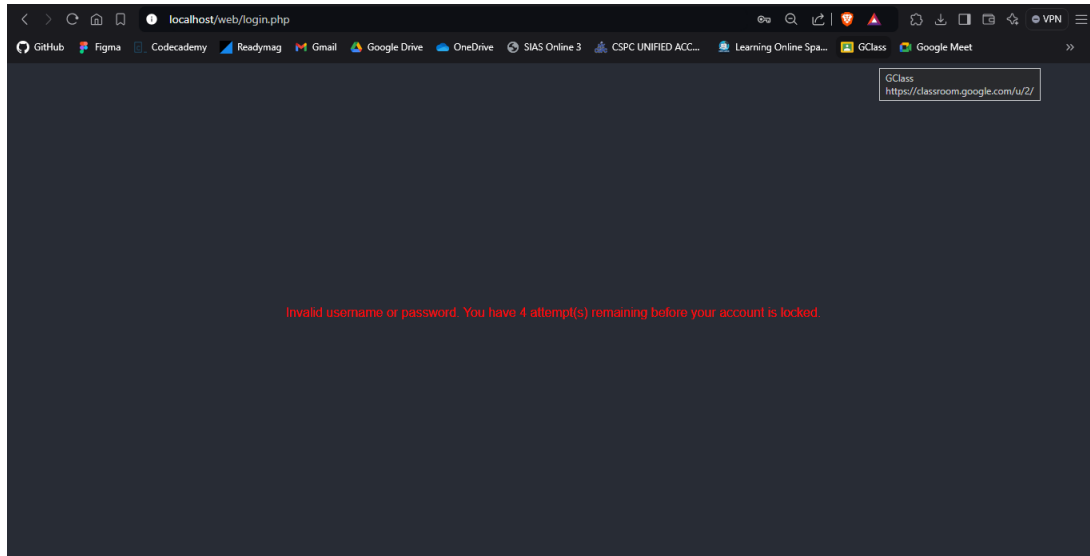
Username already taken. Please choose another one.

Email already registered. Please use another one.

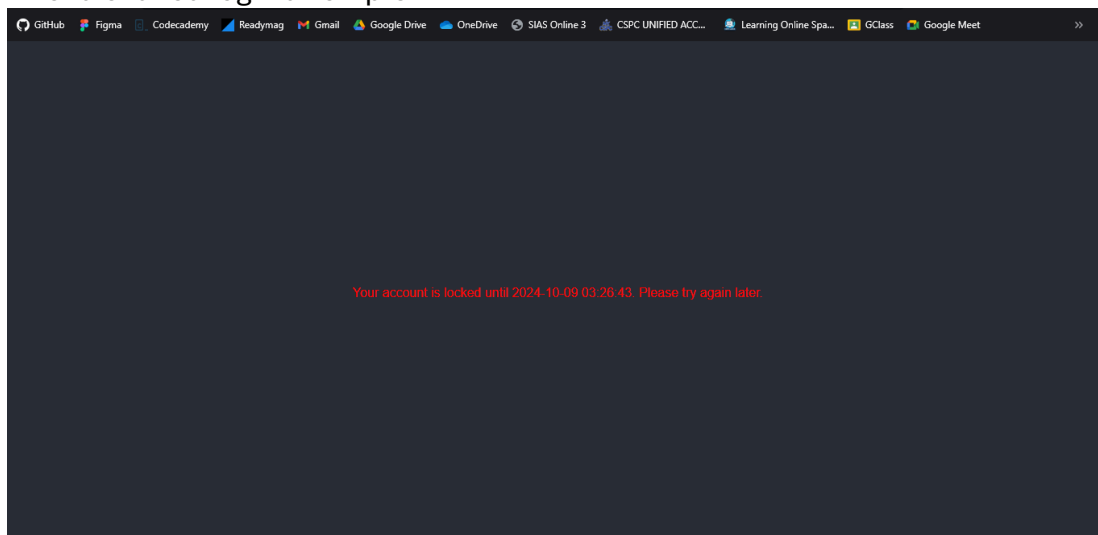2. **Account Lockout Mechanism**

This security feature locks an account for 15 minutes after 5 failed login attempts to prevent unauthorized access.
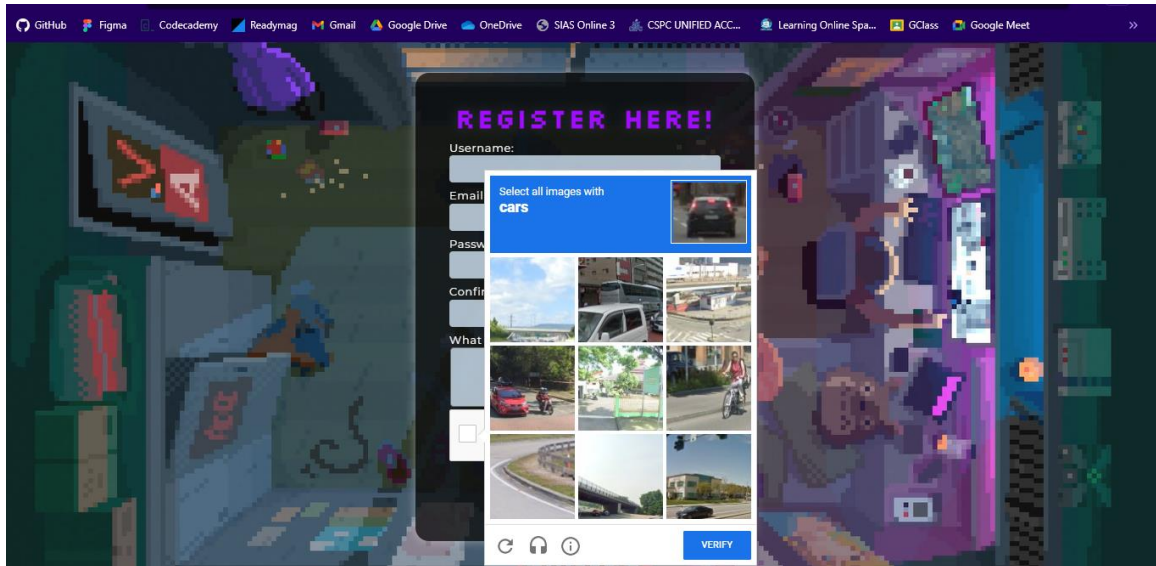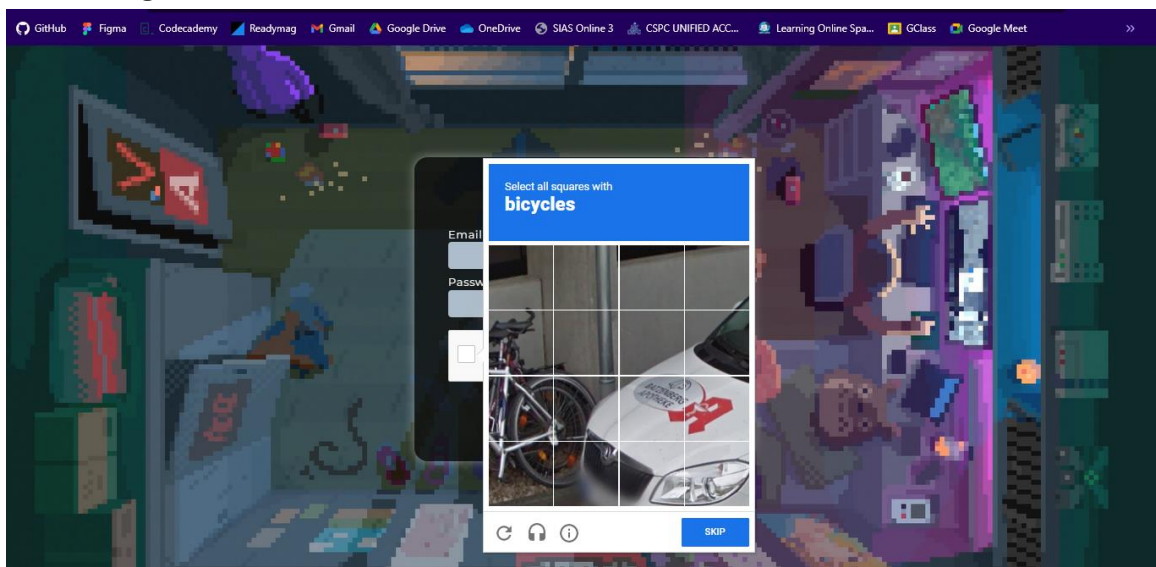

After a 5 failed login attempts

3. **Captcha or reCAPTCHA Integration**

This security feature will protect users from bots by asking them to complete challenges (such as picture selection) upon login or registration.
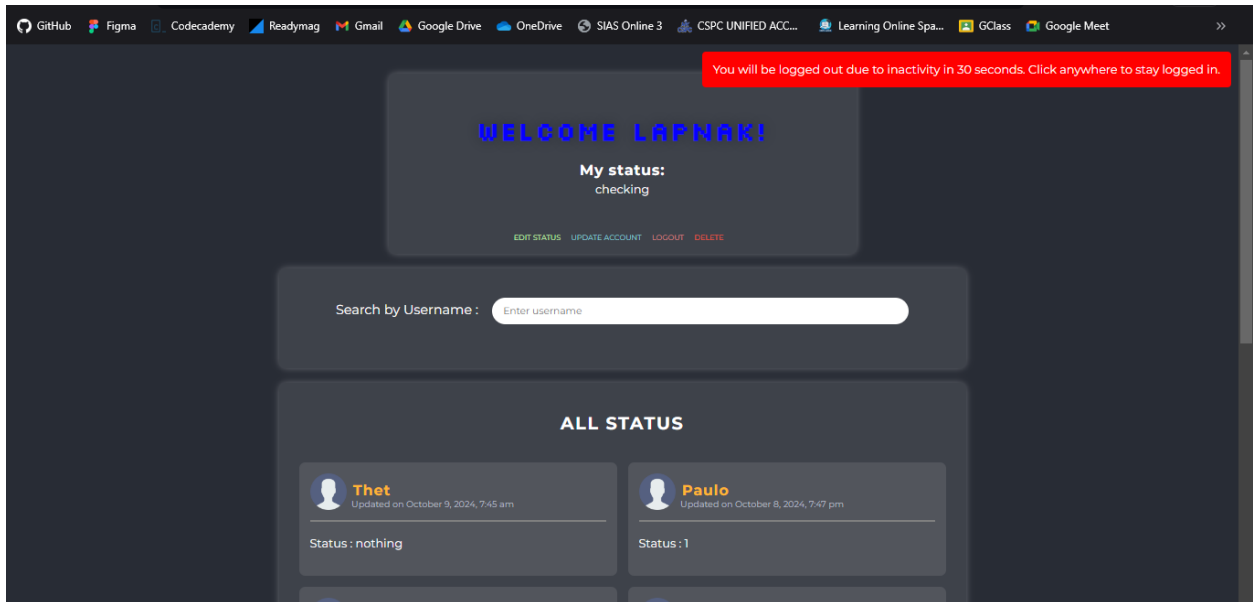
- For Register :

- For Log In :

4. **Session Management and Timeout**

This security feature efficiently manages user sessions, including auto-logout after 3 minutes of inactivity for better security.

Before the session expires (approximately 3 minutes), an alert pop-up appears (in 30 seconds, it will automatically log out).

Republic of the Philippines
Camarines Sur Polytechnic Colleges
Nabua, Camarines Sur
ISO 9001:2015

COLLEGE *of* COMPUTER STUDIES

| BS INFORMATION TECHNOLOGY | INFORMATION ASSURANCE AND SECURITY 1 |

The database we used :

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
☐	1	id 🔑	int(11)			No	None		AUTO_INCREMENT	🖉 Change	⊖ Drop	More
☐	2	email	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More
☐	3	password	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More
☐	4	username	varchar(100)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More
☐	5	status	varchar(1000)	utf8mb4_general_ci		No	None			🖉 Change	⊖ Drop	More
☐	6	datetime	datetime			No	current_timestamp()			🖉 Change	⊖ Drop	More
☐	7	failed_attempts	int(11)			Yes	0			🖉 Change	⊖ Drop	More
☐	8	locked_until	datetime			Yes	NULL			🖉 Change	⊖ Drop	More

↑ ☐ Check all   With selected: 🔳 Browse   🖉 Change   ⊖ Drop   🔑 Primary   Ս Unique   📇 Index   📊 Spatial   🅣 Fulltext

BS INFORMATION TECHNOLOGY	INFORMATION ASSURANCE AND SECURITY 1

Group Member :

	Judah Paulo Viñas
	Roland Joseph Cordez
	John Rick Babila