Iqra Mehmood

## **TEST CASES FOR SECURITY FEATURES**

# Authentication System

Customer trying to login with invalid credentials

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			Home Page	Customer Services	Administrative Tasks	About Us	Contact Us	
Customer	Login							
Enter your lo	ogin credenti	als:						
Customer ID: C001								
Password:								
Login Invalid c	redentials. Atter	mpt 1 of 3.						
If you are not a	registered custo	omer, click the button	below to register you	urself.				
Register								
								Activate Windows
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## Admin trying to login with invalid credentials

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	Home Page Customer Serv	vices Administrative Tasks	About Us Contact Us	
Administrator Login				
Choose your role:				
Administrator     Customer Subscription Manager     Subscription Billing Manager     Customer Payment Manager				
Enter your login credentials:				
Admin ID: A001				
Password:				
Login Invalid credentials. Attempt 1 of 3.				
				Activate Window Go to Settings to activ
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Home Page Customer Services Administrative Tasks About Us Contact Us	
Customer Subscription Manager Dashboard	
Choose a task:	
View Customers	
Edit Customers	
View Subscriptions	
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## Each customer being shown his own data

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Custome	r Dashb	oard								
Customer ID: C002	2									
Following are your	active subscriptio	n at this time:								
Subscription Id	Plan Name	Software Name	Amount To Be Paid							
SB002	Standard plans	Microsoft Excel Microsoft Teams Microsoft Publisher Microsoft Access Yammer	159.92							
View Plans										
Subscribe to a Plan										
My Subscriptions										
Make Payment								Activate Windows		
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#### **Customer Dashboard**

Customer ID: C001

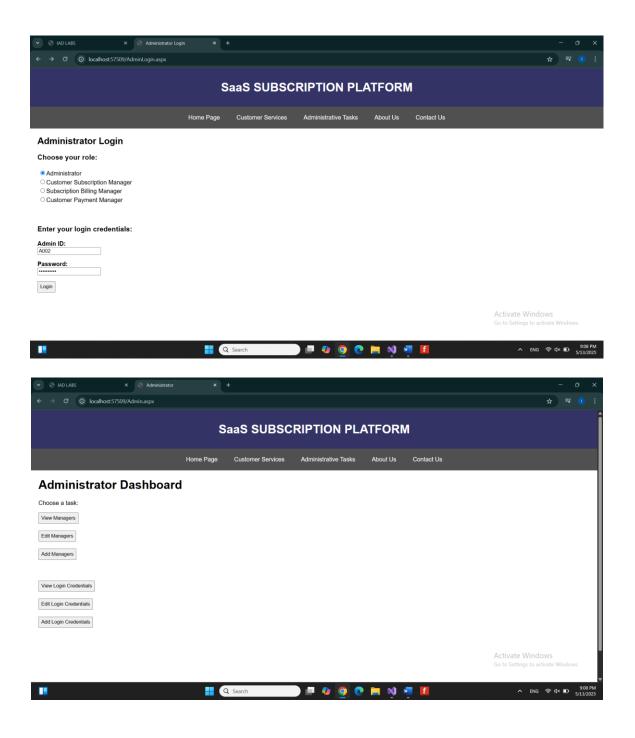
Following are your	active subscri	ption at this time:		
Subscription Id	Plan Name	Software Name	Amount To Be Paid	
SB001	Basic plans	Microsoft Word Outlook Mail OneNote OneDrive Skype for Business	59.94	
View Plans				
Subscribe to a Plan				
My Subscriptions				
Make Payment				Activate Windows Go to Settings to activate Windows.
Payment History				
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## **Role Based Access Control**

### Each role given access to his own data

	Contact Us          Activate Windows         Contact Us         Image: Contact Us         Contact Us
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#### IAD LAB 13



## **Parameterized Queries**

The attempt for SQL Injection to access an admin account has been neutralized because of the parameterized query

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Customer Login							
Enter your login crede	entials:						
Customer ID: A001'							
Password:							
Login Invalid credentials. A	Attempt 1 of 3.						
f you are not a registered c	customer, click the button	below to register you	urself.				
Register							
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## **Input Validation**

#### Password requirements

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	Home Page	Customer Services	Administrative Tasks	About Us	Contact Us				
Customer Registration Email: test@gmail.com Passwort: Name: Test Cell No: G816715 Custry Code (2 Letters): PK City: Karachi Register Back to Home Page	Password must be at least	6 characters long and c	ontain at least one lowerca:	se letter, one up;	percase letter, and one digit.				
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### Required Field Validators

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## Autogenerated Customer Id

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Customer Registration						
Email:						
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Customer Dashboard						
Customer ID: C201						
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View Plans						
Subscribe to a Plan						
My Subscriptions						
Make Payment						
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## **Cookie Management**

For testing purposes, the expiration time has been set to 10 seconds. After the cookie expires, the already logged in account automatically redirects to Login page after clicking on any of the options.

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Customer ID: C001											
Following are your	active subscri	ption at this time:									
Subscription Id	Plan Name	Software Name	Amount To Be P	aid							
SB001	Basic plans	Microsoft Word Outlook Mail OneNote OneDrive Skype for Business	59.94								
View Plans											
Subscribe to a Plan											
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### Iqra Mehmood

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		Home Page	Customer Services	Administrative Tasks	About Us	Contact Us	
Customer Login							
Enter your login crede	entials:						
Customer ID:							
Password:							
Login							
	customer, click the button belo	ow to register	yourself.				
Register							
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# **Restricted Login Attempts**

Attempting to login with more than 3 attempts

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Customer Login				
Enter your login credentials:				
Customer ID:				
Password:				
Login Invalid credentials. Attempt 1 of 3.				
If you are not a registered customer, click the button	below to register yourself.			
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### Iqra Mehmood

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Customer Login		
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Customer ID: C001		
Password:		
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you are not a registered customer, click the buttor	below to register yourself.	
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### Trying to open a new tab to bypass the disabled functionalities

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Mome Page       Customer Services       Administrative Tasks       About Us       Contact Us		
Customer Login Enter your login credentials: Customer ID: Password: Image: To many failed attempts. Try again later. If you are not a registered customer, click the button below to register yourself. Register Activate Windows		
Enter your login credentials: Customer ID: Password: Image: Too many failed attempts. Try again later. If you are not a registered customer, click the button below to register yourself. Register Activate Windows		
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# **HTTPS Encryption**

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	ws customers to manage		ion Platform ns and payments efficiently.				
Basic plans	Microsoft Word Outlook Mail OneNote OneDrive Skype for Business	Standard Standard Standard Basic Basic					
Premium plans	Microsoft PowerPoint Visio Microsoft Project SharePoint Azure DevOps	Enterprise Enterprise Enterprise Enterprise Enterprise					
Premium plans	Visio Microsoft Project SharePoint Azure DevOps Microsoft Excel Microsoft Teams	Enterprise Enterprise Enterprise					Activate Windows
	Visio Microsoft Project SharePoint Azure DevOps Microsoft Excel Microsoft Teams	Enterprise Enterprise Enterprise Advanced Advanced Advanced	Windows Virtual Server. 2. wei	5GHz CPU, 2GB RAM, 600	GB SSD. Try it n	ow for \$1!	Activate Windows Go to Settings to activate Windows.

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