

# TEAM NAME:VIJAY04



PACKAGES\_USED:

- 1.KIVY
- 2.PYTEZOS


Github: IN4111

Web3 integration with Web2 Track-Fair Reselling Marketplace Using Tezos Technology.

# HOW IT WORKS?

- EACH TICKET HAS A SECRET TEXT/HASH
- ON SUCCESSFUL PURCHASE ,RESELLER GET THE TICKET HASH OF THE TICKETS
- THIS HASH IS THEN EVALUATED AND VERIFIED BY GOING THROUGH TICKET PURCHASE HISTORY, TO WHOM IT SOLD ,WHAT DATE SOLD AND SO ON.
- RESELLERS CAN BE REMOVED FROM ACCESSING TICKETS

# APP BUILD FOR ADMIN

Welcome to Dashboard

Tickets

ticket\_id:45234  
created\_date:2023-08-15  
price:15.12 XTZ

Sellremove

ticket\_id:8721  
created\_date:2023-08-15  
price:29.23 XTZ

Sellremove

ticket\_id:12352  
created\_date:2023-08-15  
price:12.9 XTZ

Sellremove

ticket\_id:8727  
created\_date:2023-08-15  
price:12.2 XTZ

Sellremove

ticket\_id:8712  
created\_date:2023-08-15

Sellremove

Resellers

Name:reseller\_1  
Tezos Public Key: tz1PtX8vDfB  
FsD5GJEmrCdXiqaBETCvLVaYp  
Created on:2023-08-15

Name:reseller\_2  
Tezos Public Key: tz1TGHf9Q8P  
zR2ddFLWfhHdQvb3AthLYGTKe  
Created on:2023-08-15

Name:reseller\_3  
Tezos Public Key: tz1R7NScUmj  
Uo38CyDDJfxAbkqy2oj9nbEfK  
Created on:2023-08-15

History

Ticket\_id:4112  
Price:12.12  
SoldTo:reseller\_1  
Sold On:2023-08-15

Ticket\_Hash: 2872c509c246f08c03de181e81eaa19a  
d751b3cc6c37f501dd0214a2c55c085

Transaction\_hash: op5VWm8twb8dn2xMz4ELrKt  
ixufWDJXmiFwKxsbQwXPSUy41z4

Ticket\_id:6472  
Price:56.212  
SoldTo:reseller\_2  
Sold On:2023-08-15

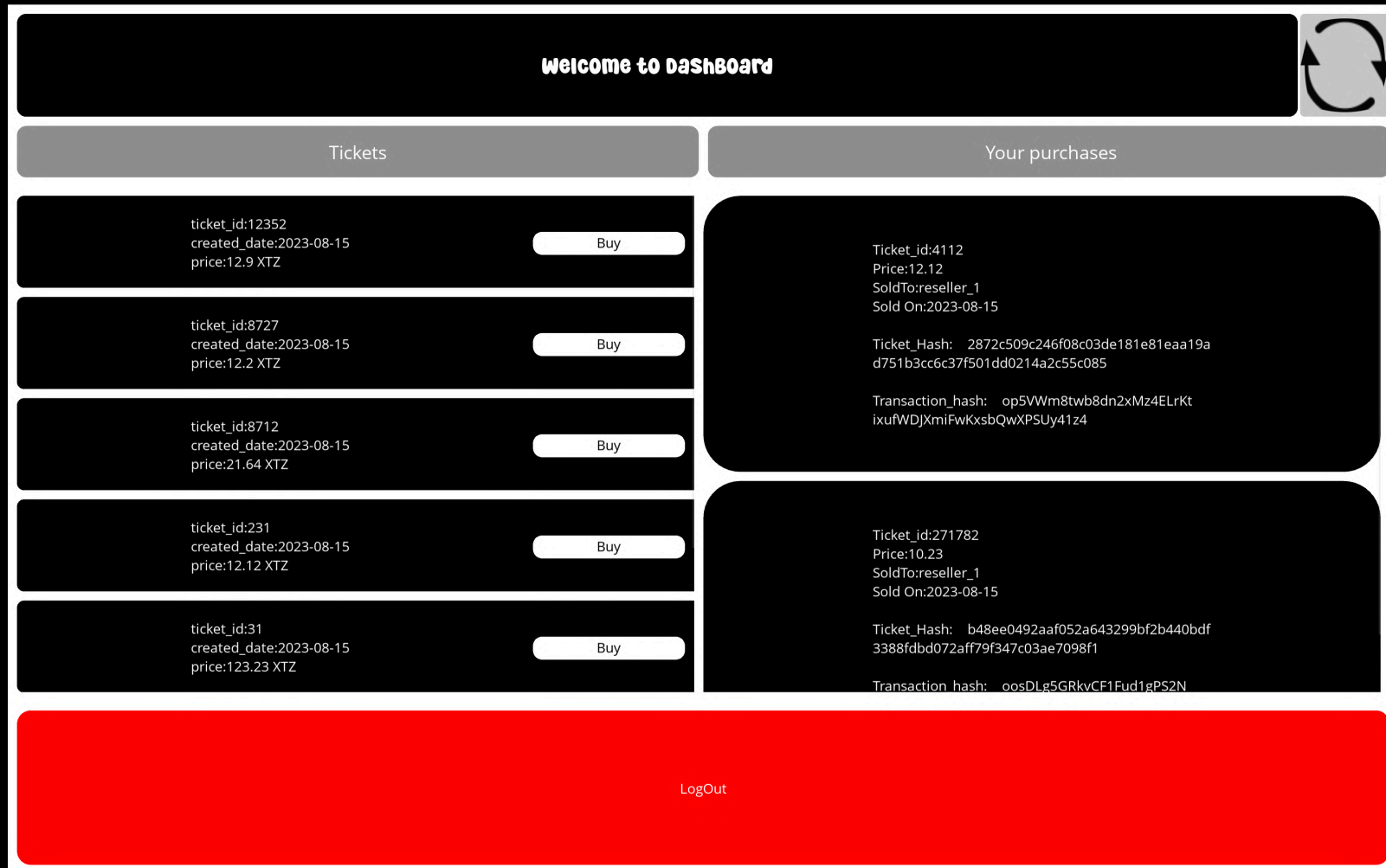
Ticket\_Hash: a37302b8da057d9cd579abb15495ee9e  
c0887d861c8d83e35e51021dff844cd

Add a Ticket

Add a Reseller

Remove a Reseller

# APP BUILD FOR RESELLERS



# ADDING TICKETS

Admin Panel

ADD A TICKET

Enter Ticket Id

2789182

Enter Ticket Price

12.6182681

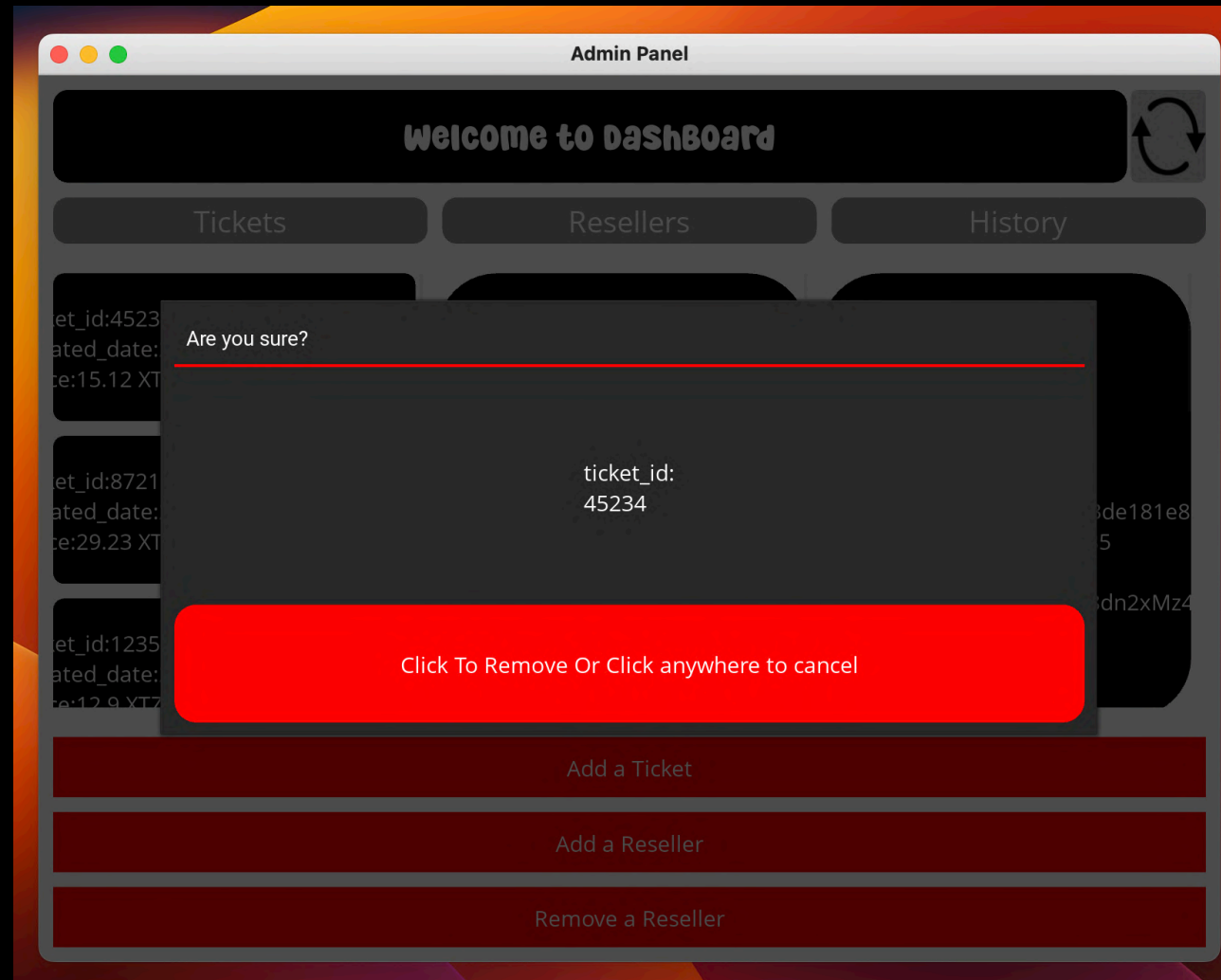
Hashed Value

d6cb238dc72b1a6a514ca01a  
ca1c11a99953431c7

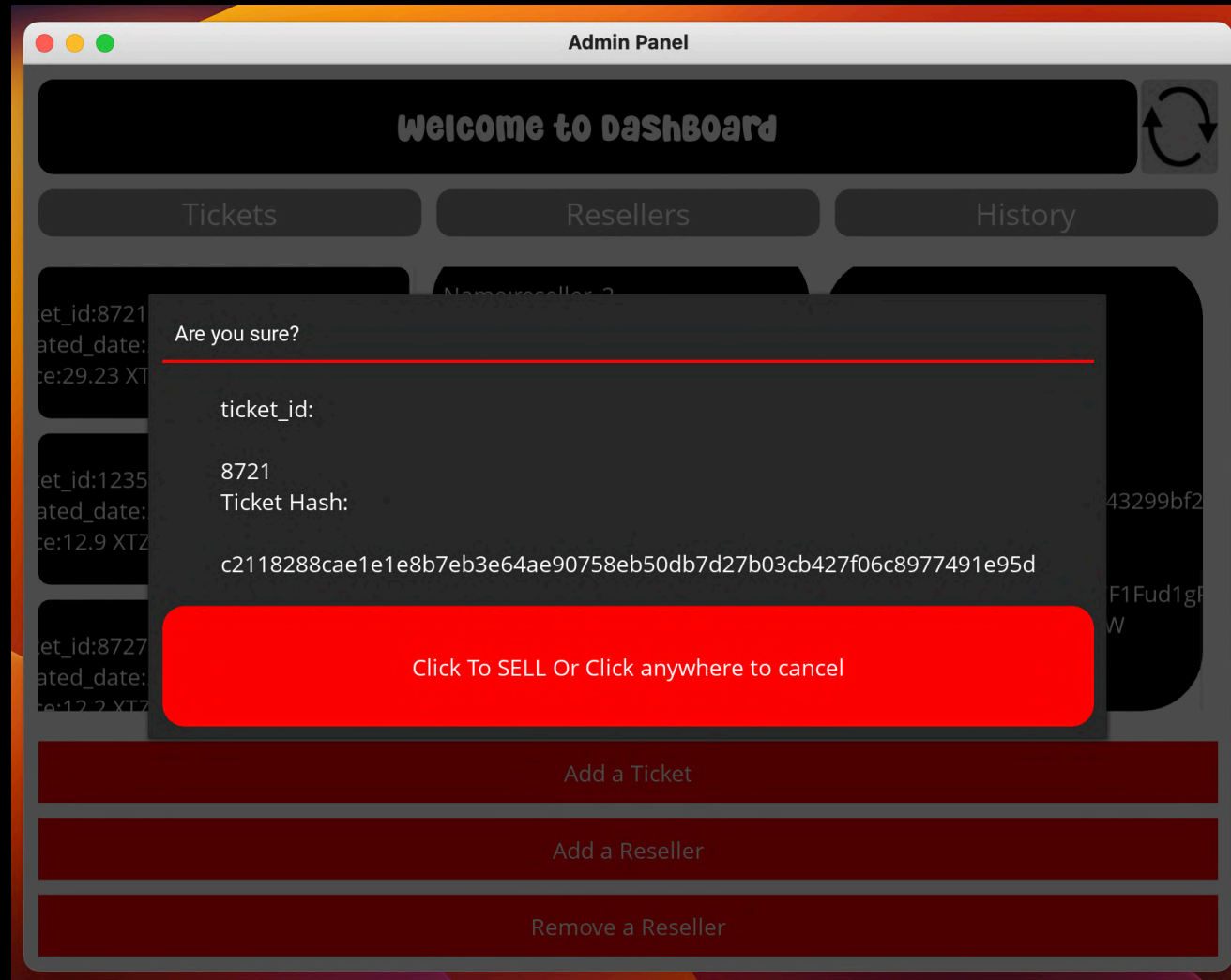
Back

Submit

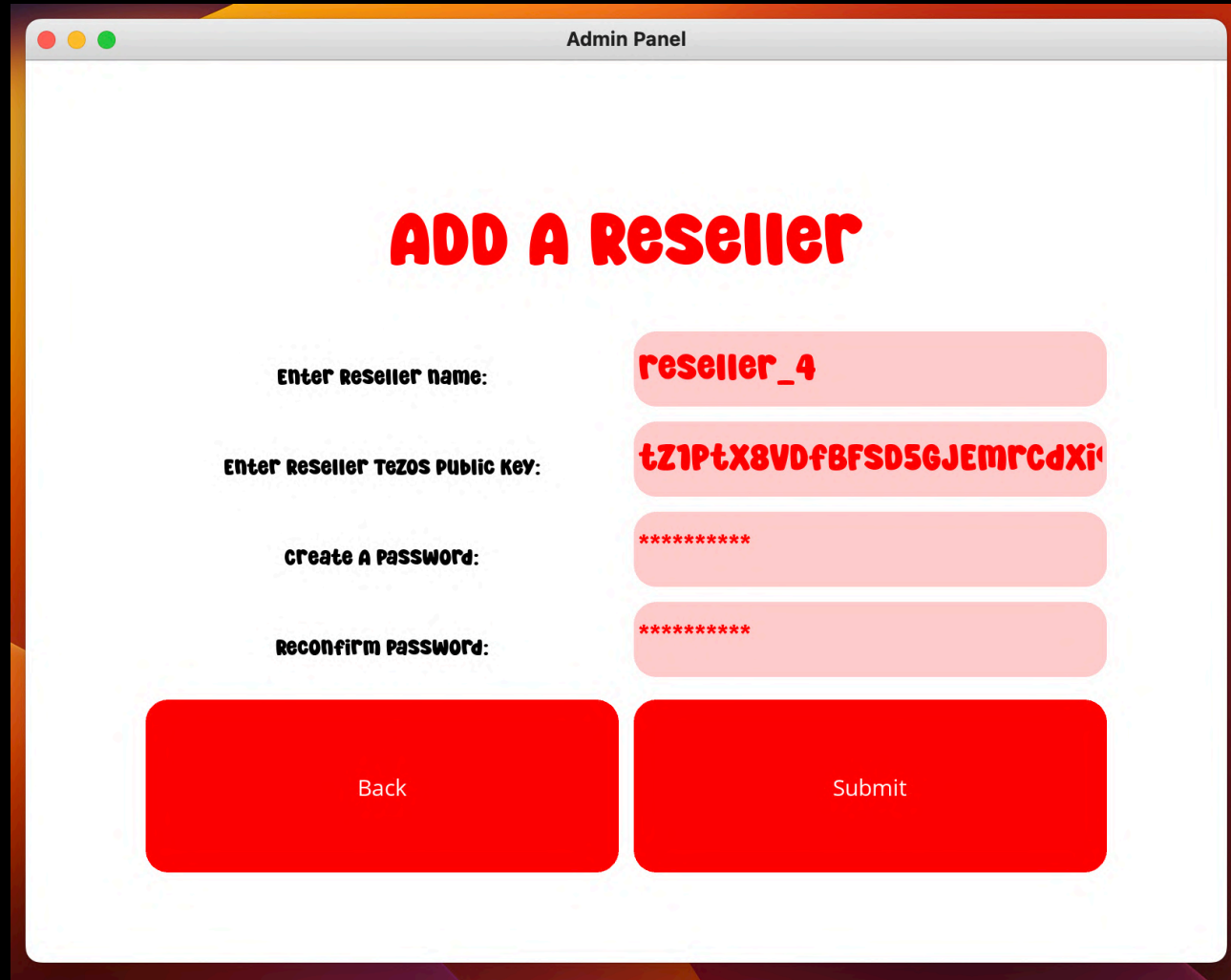
# REMOVING A TICKET



# SELLING TICKETS IN LOCAL AND REMOVING FROM TICKETS



# ADDING A RESELLER



The image shows a screenshot of a web application window titled "Admin Panel". Inside the window, there is a form titled "ADD A Reseller" in large red letters. The form contains four input fields with labels to their left: "Enter Reseller name:", "Enter Reseller Tezos Public Key:", "Create A Password:", and "Reconfirm Password:". The first field contains the text "reseller\_4". The second field contains a long alphanumeric string starting with "tz1PtX8VDfBFSD5GJEMrCdXi". The third and fourth fields contain eight asterisks "\*\*\*\*\*". At the bottom of the form, there are two large red buttons: "Back" on the left and "Submit" on the right.

Admin Panel

## ADD A Reseller

Enter Reseller name: reseller\_4

Enter Reseller Tezos Public Key: tz1PtX8VDfBFSD5GJEMrCdXi

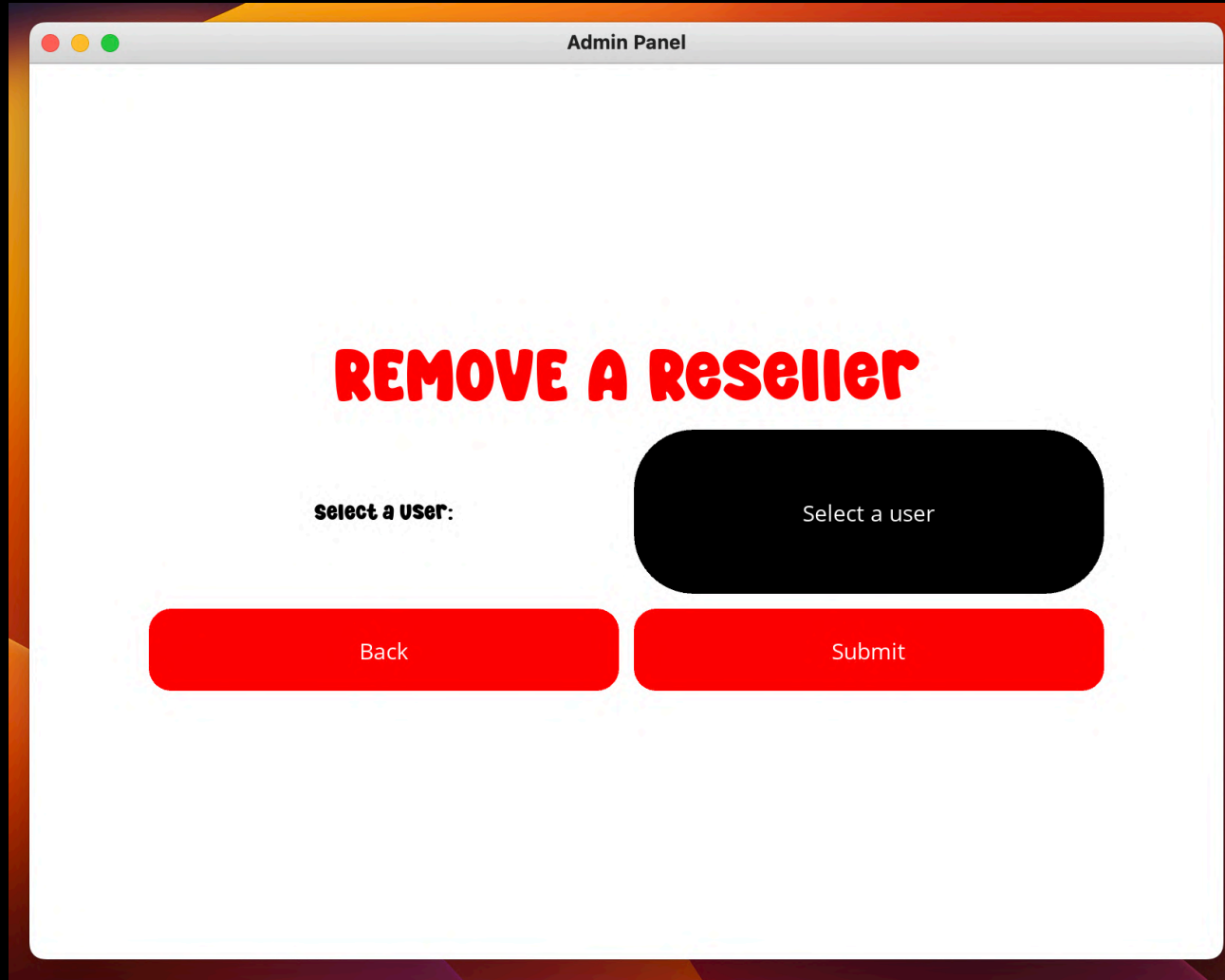
Create A Password: \*\*\*\*\*

Reconfirm Password: \*\*\*\*\*

Back Submit



# REMOVING A RESELLER



The image shows a web browser window titled "Admin Panel". Inside the window, the main heading is "REMOVE A Reseller" in large, bold, red capital letters. Below this heading, there is a label "Select a User:" in bold black text. To the right of this label is a dark gray rounded rectangular button with the text "Select a user" in white. At the bottom of the form, there are two red rounded rectangular buttons: "Back" on the left and "Submit" on the right.

Admin Panel

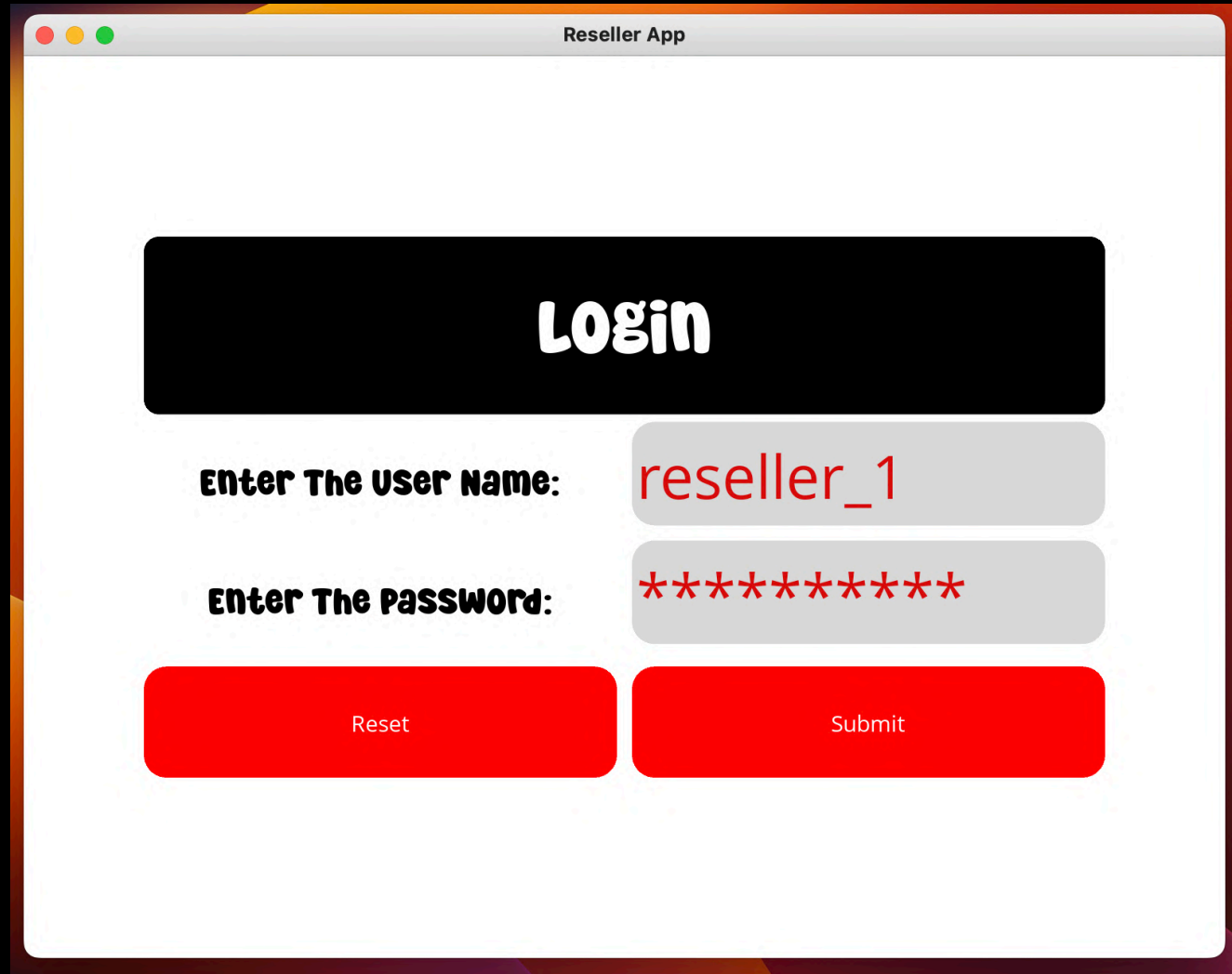
## REMOVE A Reseller

Select a User:

Select a user

Back Submit

# LOGIN IN (RESELLERS)



The image shows a web browser window titled "Reseller App". Inside the window is a login form. At the top of the form is a black rectangular box with the word "Login" in white, bold, sans-serif font. Below this, there are two input fields. The first is labeled "Enter The User Name:" in bold black text, and the input field contains the text "reseller\_1" in red. The second is labeled "Enter The Password:" in bold black text, and the input field contains ten asterisks "\*\*\*\*\*" in red. At the bottom of the form are two red buttons with white text: "Reset" on the left and "Submit" on the right.

Reseller App

**Login**

**Enter The User Name:** reseller\_1

**Enter The Password:** \*\*\*\*\*

Reset Submit

# BUYING A TICKET (RESELLER)

The image shows a web application window titled "Reseller App". The main dashboard has a "Welcome to Dashboard" header with a refresh icon. Below are two tabs: "Tickets" and "Your purchases". A modal titled "Make Transaction" is open in the foreground. It contains two input fields: "Enter your public key:" and "Enter your secret key:". The public key field is filled with the text "tZ1PtX8VDf8FSD56JEMrCdXi9abETCvLVaYP". The secret key field is filled with the text "7XW7BTWSrui2HdPtSHZHVRXN5cdh34ahexQSHZ8MVPXY3YPfbTY4". At the bottom of the modal are two red buttons: "reset" and "submit". The background dashboard shows a table with columns for "Ticket ID", "Price", and "Status". The first row shows a ticket with ID "aa19a" and price "12.12 XTZ". The second row shows a ticket with ID "rKt" and price "12.12 XTZ". The "Status" column for the first row shows "SoldTo: reseller\_1".

Reseller App

Welcome to Dashboard

Tickets Your purchases

Make Transaction

Enter your public key: tZ1PtX8VDf8FSD56JEMrCdXi9abETCvLVaYP

Enter your secret key: 7XW7BTWSrui2HdPtSHZHVRXN5cdh34ahexQSHZ8MVPXY3YPfbTY4

reset submit

price:12.12 XTZ SoldTo:reseller\_1

Logout

# ERRORS HANDLING : DUPLICATE TICKETS

The screenshot displays a web application interface titled "Admin Panel". The main heading is "ADD A TICKET". Below this, there is a form with three input fields: "Enter Ticket", "Enter Ticket", and "Hashed". The "Enter Ticket" fields are currently empty, while the "Hashed" field contains the value "6c02c3e6cdb85e19". A red "OK!" button is visible below the "Hashed" field. At the bottom of the form, there are two buttons: "Back" and "Submit".

Two error messages are shown in a dark grey box with a red border:

- Ticket already available
- Ticket is already registered

# ERRORS HANDLING :NON-Compatible type

The screenshot shows a web application window titled "Admin Panel". The main heading is "ADD A TICKET" in a large, bold, dark red font. Below the heading, there are three input fields with labels: "Enter Ticket ID", "Enter Ticket Price", and "Hashed Ticket". The "Enter Ticket ID" and "Enter Ticket Price" fields are currently empty. The "Hashed Ticket" field contains the text "7f853112182c2" and "6805". Below the input fields, there are two buttons: "Back" and "Submit". An error message overlay is displayed in the center of the form, with a red border and a red "OK!" button. The error message text is: "Error", "Ticket id/price isn't in compatible type", "OR", "Connection Error".

Admin Panel

## ADD A TICKET

Enter Ticket ID

Enter Ticket Price

Hashed Ticket

7f853112182c2  
6805

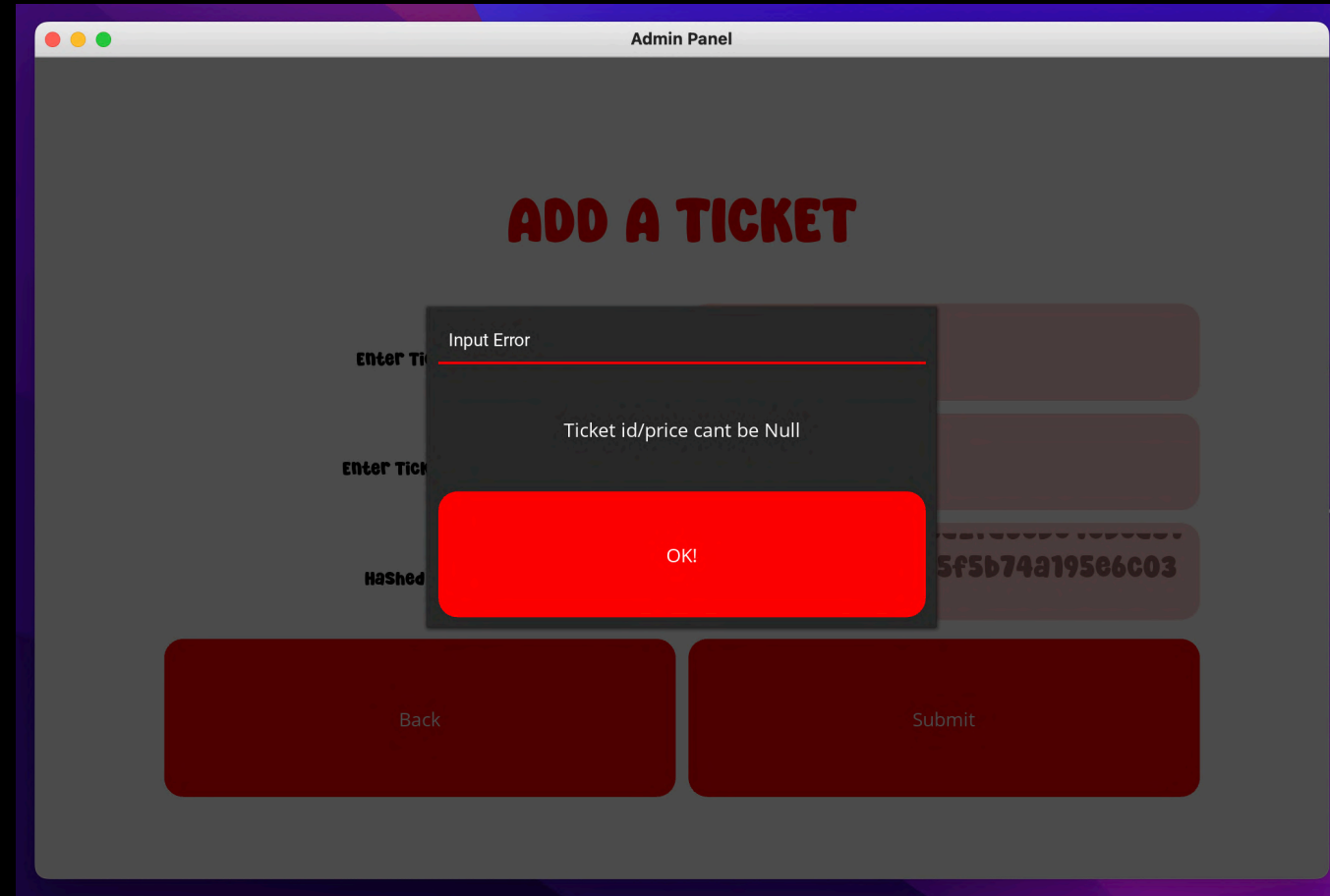
Back Submit

Error

Ticket id/price isn't in compatible type  
OR  
Connection Error

OK!

# ERRORS HANDLING : NULL ENTRY



The screenshot displays a web application window titled "Admin Panel". Inside, there is a form titled "ADD A TICKET". The form contains three input fields: "Enter Ticket ID", "Enter Ticket Price", and "Enter Ticket Hash". The "Enter Ticket ID" field is currently active and shows an "Input Error" message. Below the error message, a red box contains the text "Ticket id/price cant be Null". At the bottom of the form, there are two buttons: "Back" and "Submit".

Admin Panel

## ADD A TICKET

Enter Ticket ID

Input Error

Ticket id/price cant be Null

Enter Ticket Price

Enter Ticket Hash

5f5b74a195e6c03

Back Submit

# ERRORS HANDLING :DUPLICATE USER

The image shows a web application interface for an 'Admin Panel'. The main heading is 'ADD A Reseller'. Below this, there are four input fields with labels: 'Enter Reseller Name', 'Enter Reseller Title', 'Create A Password', and 'Reconfirm Password'. A modal dialog box is displayed over the input fields, containing the message 'Unable to create User' and 'User Already/account Exists'. A red button labeled 'Try Other Name!' is positioned below the modal text. At the bottom of the form, there are two buttons: 'Back' and 'Submit'.

Admin Panel

## ADD A Reseller

Enter Reseller Name

Enter Reseller Title

Create A Password

Reconfirm Password

Unable to create User

User Already/account Exists

Try Other Name!

Back

Submit

# ERRORS HANDLING :FAILED CONFIRMATION

The screenshot displays a web application interface titled "Admin Panel". The main heading is "ADD A Reseller". Below this, there are several input fields and buttons. A modal dialog box is open, displaying the error message "Confirm password is not same as password" and a red "Retry!" button. The background is dimmed, showing fields for "Enter Reseller Name", "Enter Reseller Token", "Create A Password", and "Reconfirm Password". At the bottom, there are "Back" and "Submit" buttons.

Admin Panel

## ADD A Reseller

Enter Reseller Name

Enter Reseller Token

Create A Password

Reconfirm Password

Confirm Password

Confirm password is not same as password

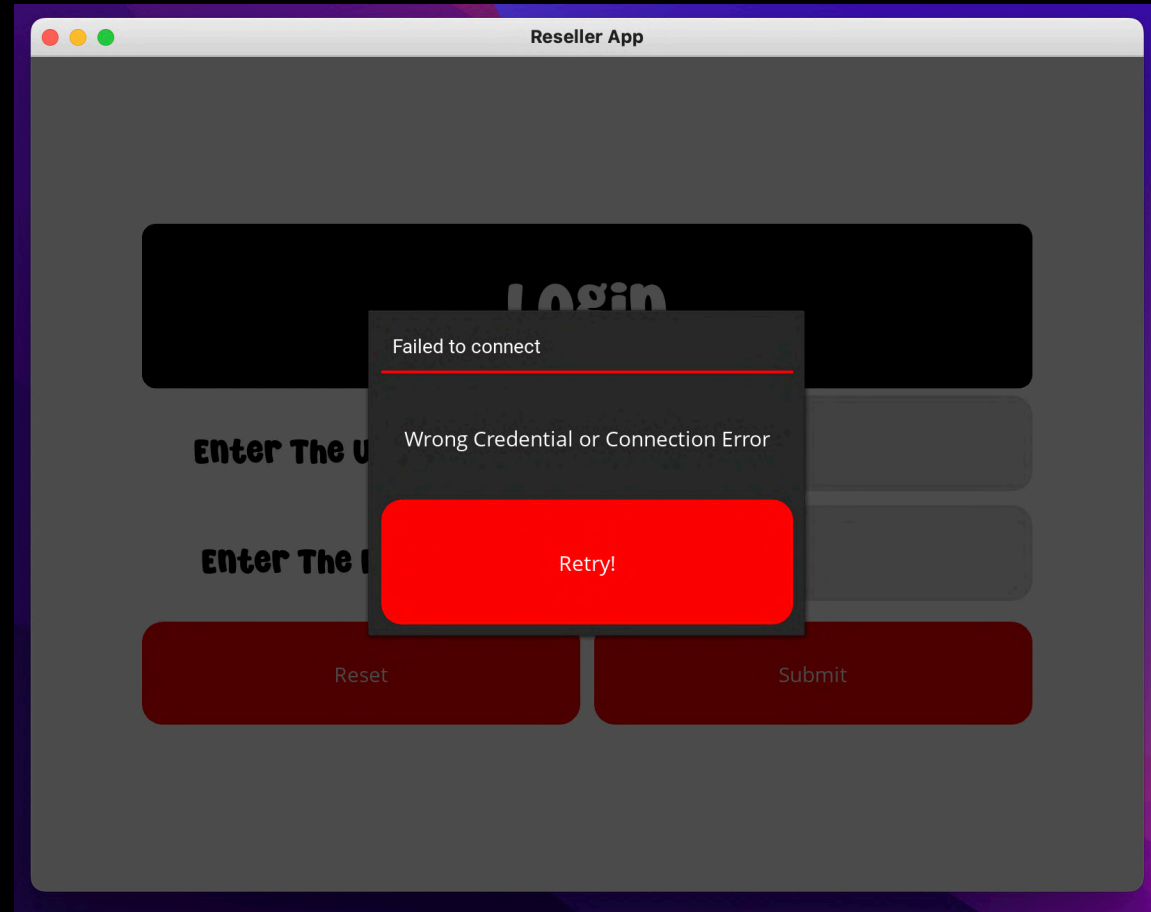
Retry!

Back

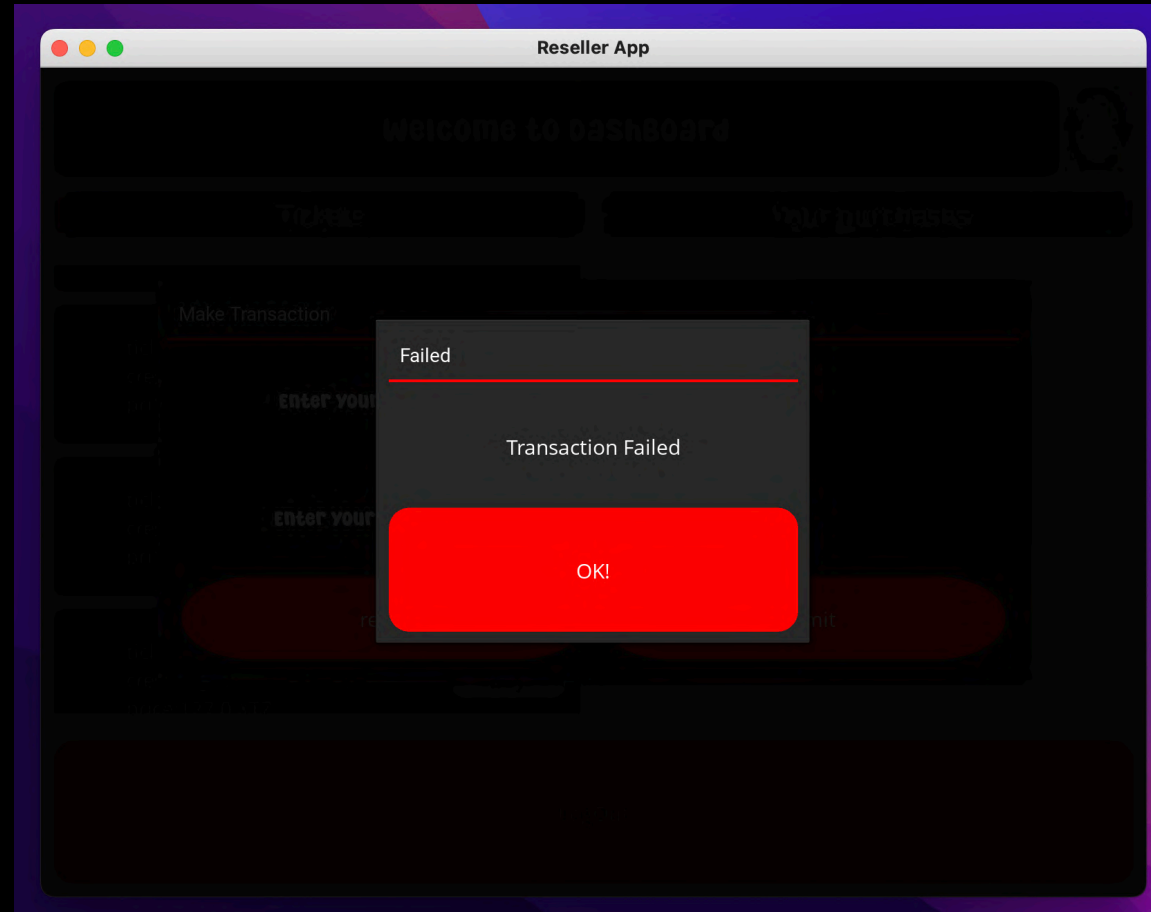
Submit



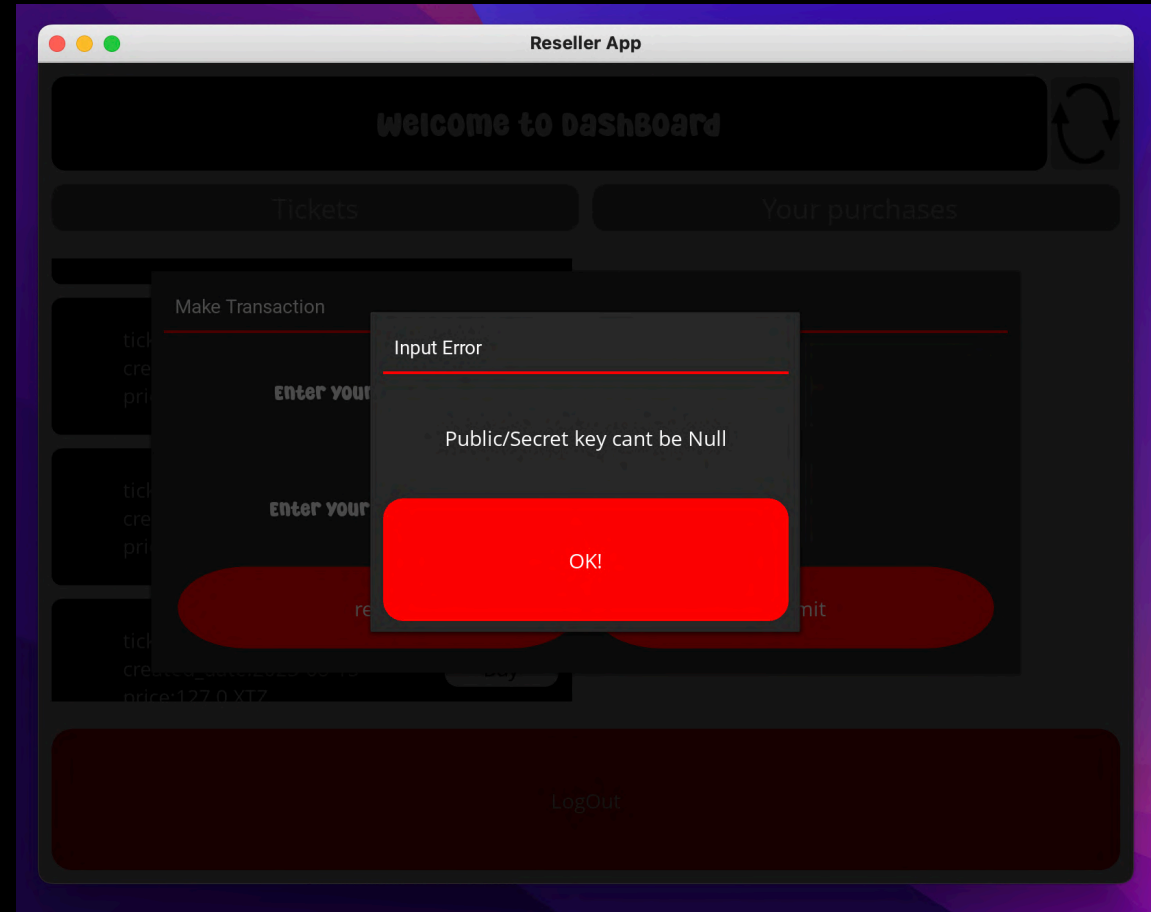
# ERRORS HANDLING :INVALID CREDENTIAL



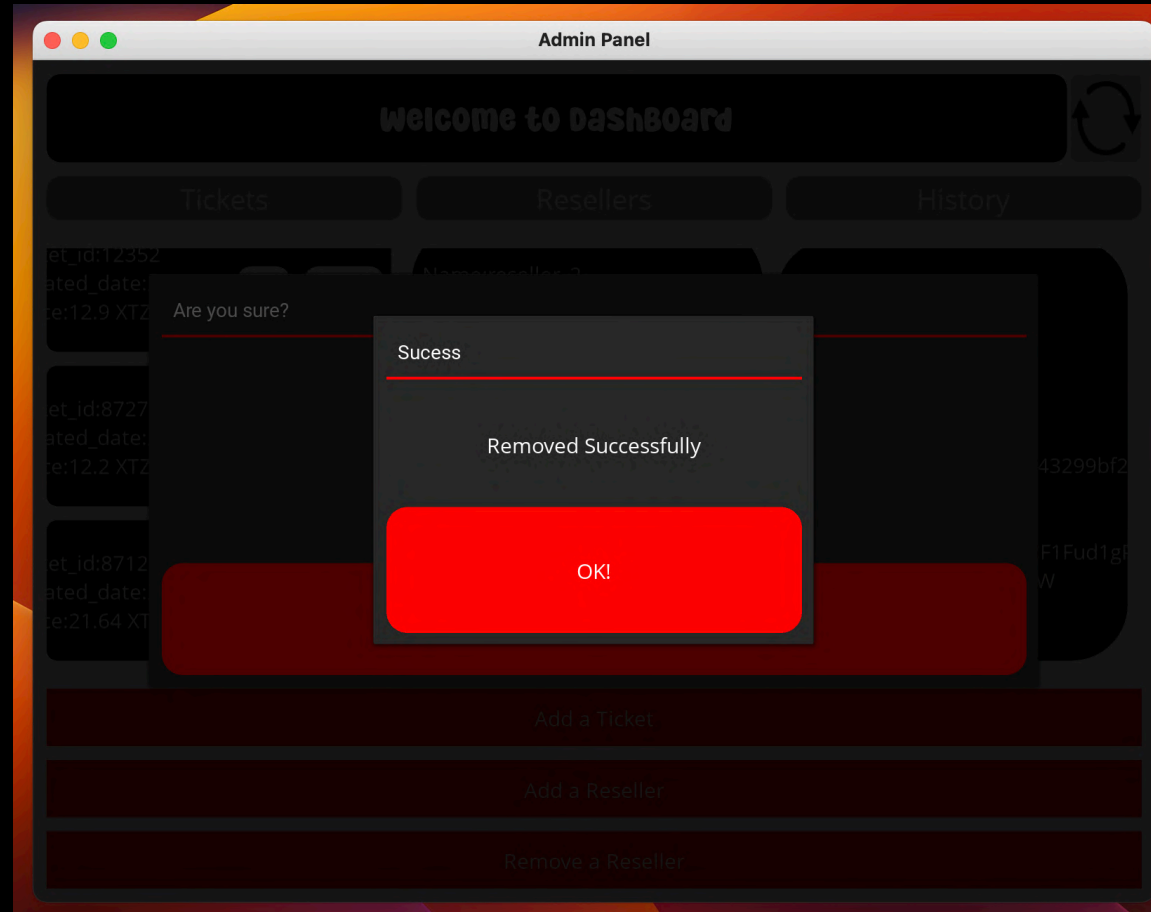
# ERRORS **HANDLING** : TRANSACTION FAILED



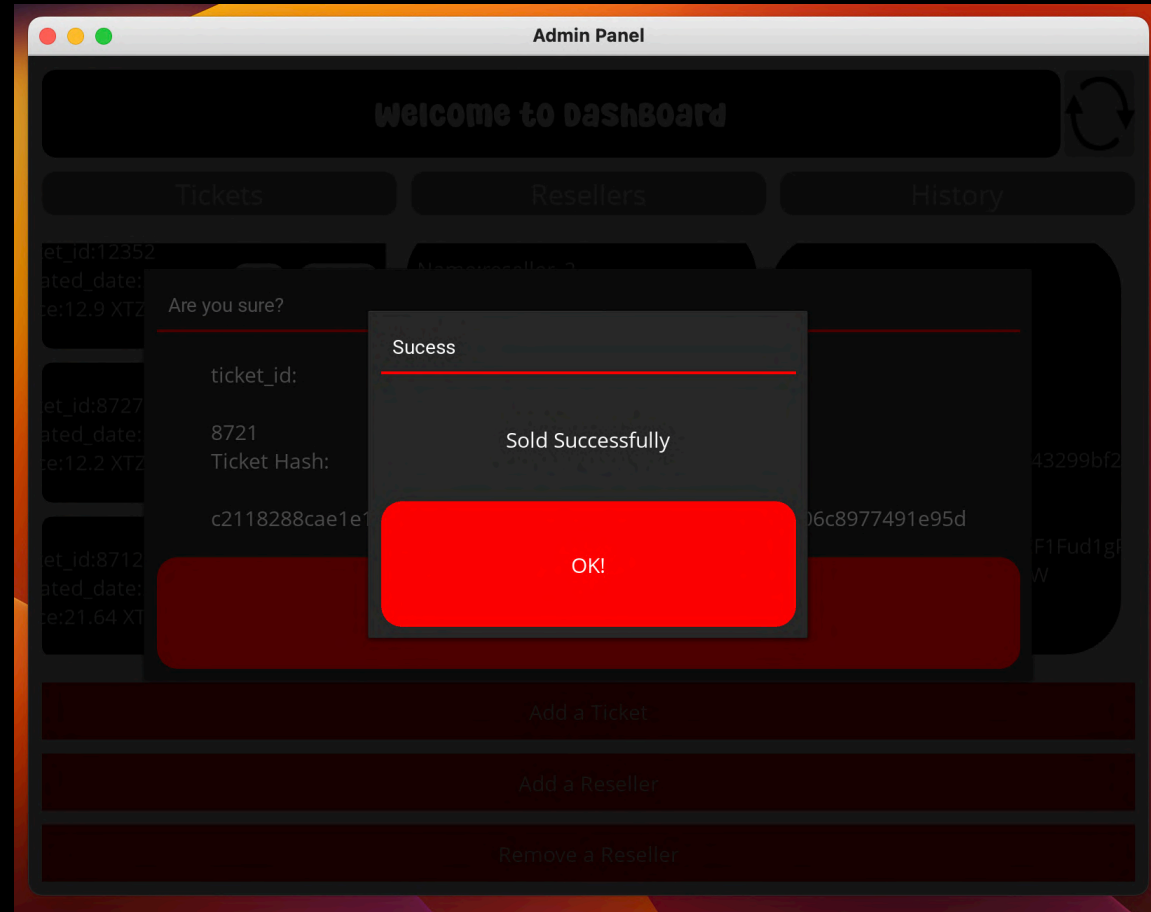
# ERRORS HANDLING :NULL INPUT



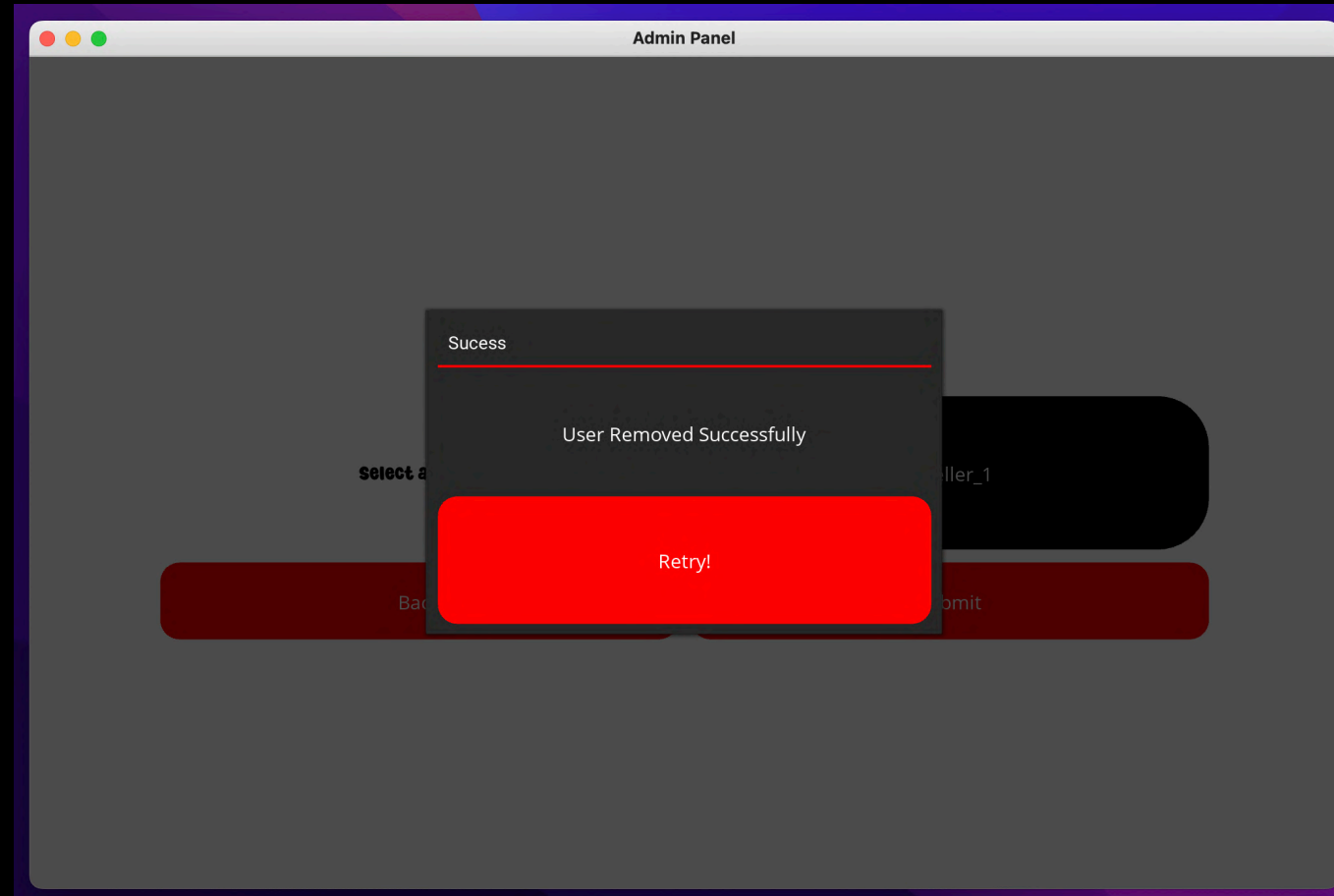
# SUCCESS ALERT :REMOVING TICKET



# SUCCESS ALERT :SELLING TICKET IN LOCAL



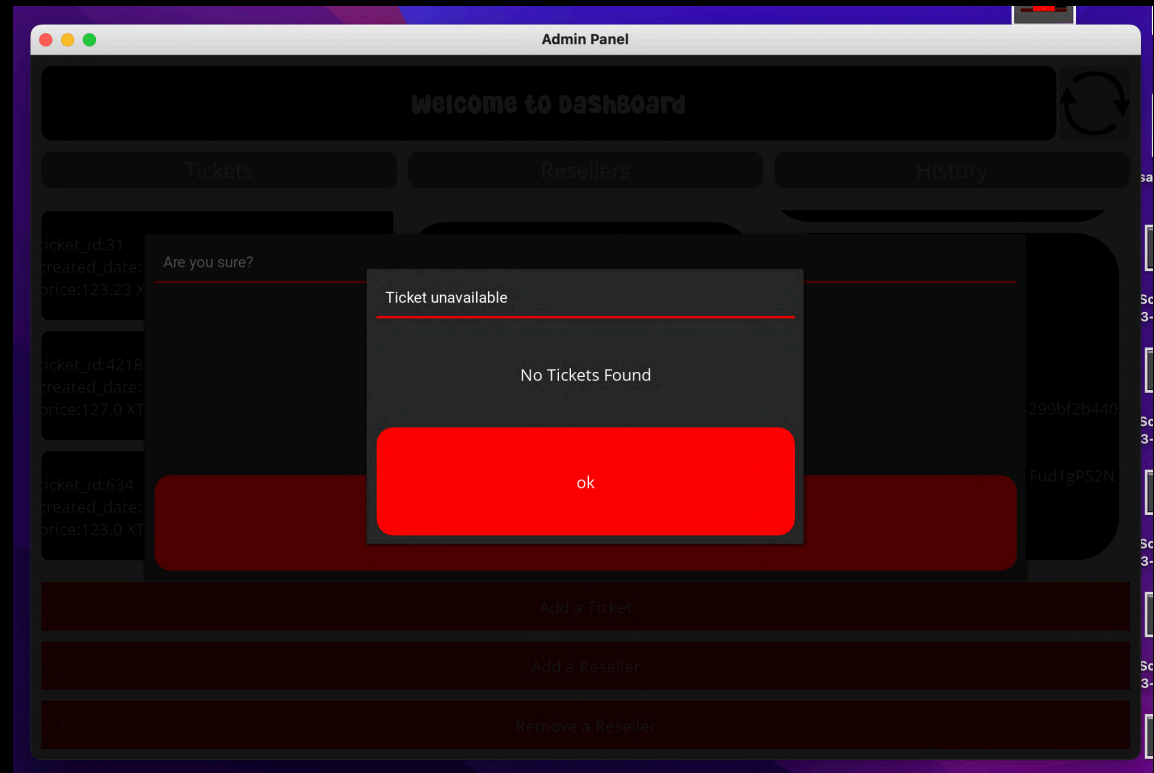
# SUCCESS ALERT :REMOVING RESELLER



# WHAT IF USER DELETE TICKET AND RESELLER MAKING A TRANSACTION?

## ANSWER:

1. while making a transaction on a ticket where a reseller try to buy it,we used a function `refresh_connection()` which refreshs data every time and for every clicks.



# ERROS HANDLING

- ACCOUNTS WITH **TEZOS ACCOUNT** CAN ONLY BE ADD TO A RESELLERS, UNAUTHORISED USERS CANT BE ADDED
- **NULL** ENTRY(GIVES WARNING)
- **FAILED** TRANSACTION ALERT
- **ATOMICITY** IN ALL DATA OF DATABASE(NO DUPLICATE ACCOUNTS CAN BE CREATED)
- **TRANSACTION** AND **SELLING** CANT BE DONE IN SAME TIME, WHERE WE REFRESH EVERY DATA IN THE DATABASE FOR EVERY EVENT.