

Deployment Screenshots :

The screenshot shows the AWS EC2 Instances page. On the left, there's a sidebar with navigation links like EC2 Dashboard, Events, Tags, Limits, Instances (with sub-links for Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), Images (AMIs), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), and Network & Security (Security Groups). The main content area has a header 'Instances (1/1) Info' with buttons for Refresh, Connect, Instance state, Actions, and Launch Instances. A search bar says 'Filter instances'. Below is a table with one row:

Checkmark	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Publ
✓	-	i-00fc60acd3e3b658	Running	t2.micro	2/2 checks passed	No alarms	us-west-1b	ec2-1

Below the table, it says 'Instance: i-00fc60acd3e3b658'. There are tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. Under Details, there are sections for Instance ID (i-00fc60acd3e3b658), Instance state (Running), Instance type (t2.micro), and IAM Role (AWS Compute Optimizer finding). To the right, there are sections for Public IPv4 address (54.193.102.69), Public IPv4 DNS (ec2-54-193-102-69.us-west-1.compute.amazonaws.com), Private IPv4 addresses (172.31.10.153), Private IPv4 DNS (ip-172-31-10-153.us-west-1.compute.internal), VPC ID (vpc-62c51704), and Subnet ID (subnet-00000000).

Unit Testing Document with all the functionality

Role - Bank Admin

Page - Login

Sign in with email

Email
jagruti.mohanty@sjsu.edu

NEXT

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Not Secure | 52.53.111.62:3000/home

Jagruti Mohanty

Home Transfer Transaction Bill Payment Add/Delete Payee Sign Out

Issue Refund

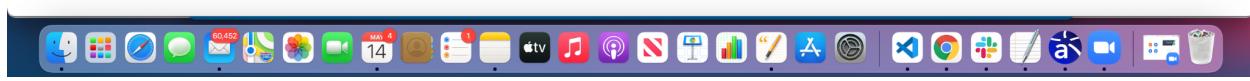
From

--Select--

Refund amount

Refund amount

Continue



Not Secure | 52.53.111.62:3000/home

Jagruti Mohanty

Home Transfer Transaction Bill Payment Add/Delete Payee Sign Out

Issue Refund

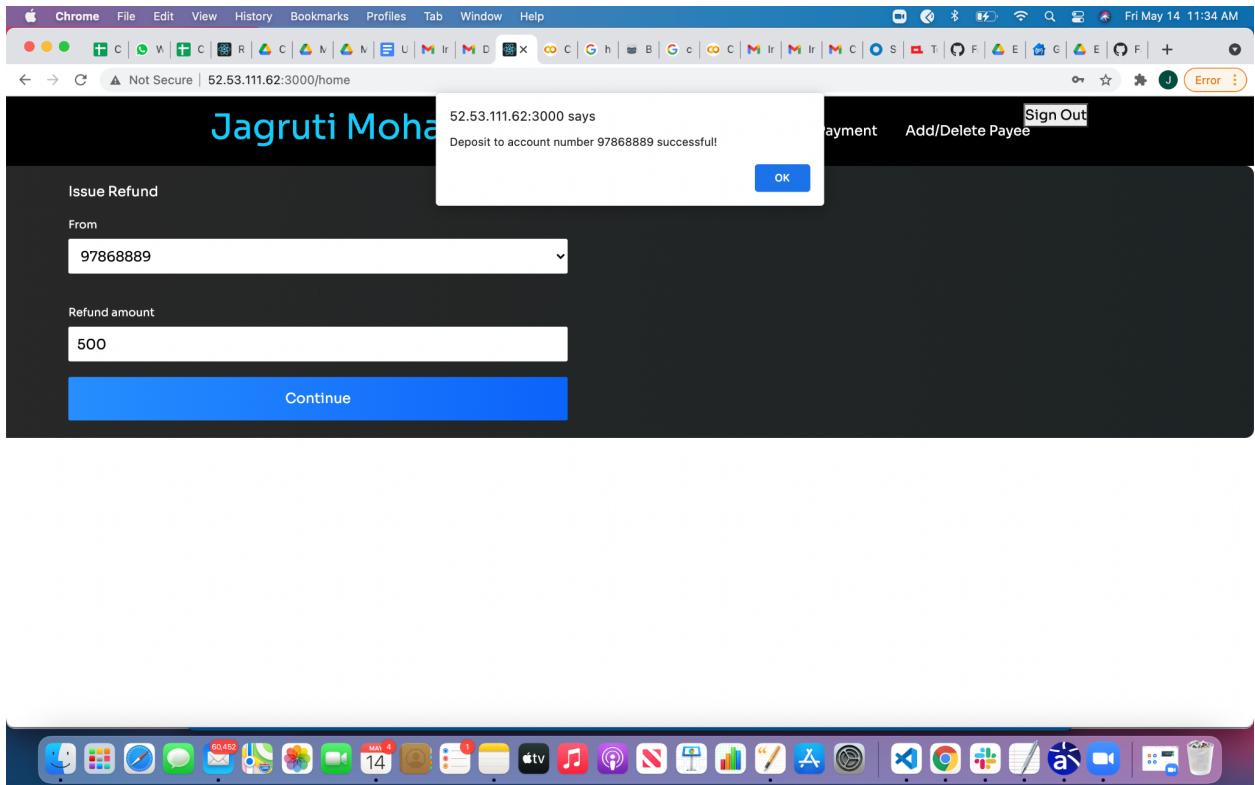
From

97868889

Refund amount

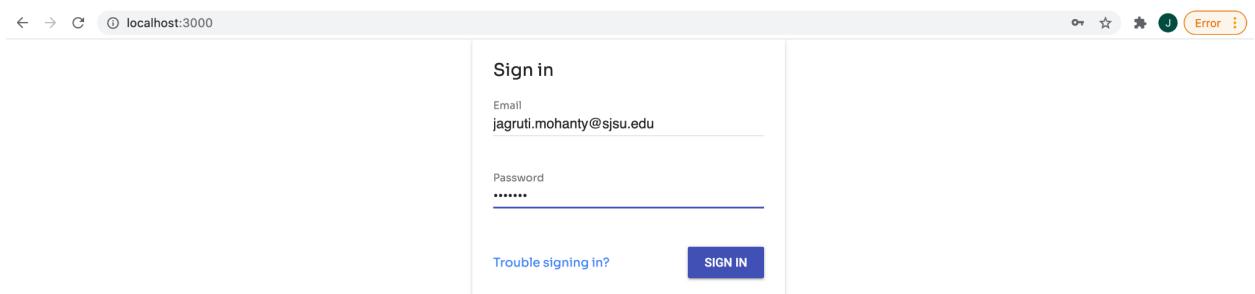
500

Continue



Role - Bank User

Page - Login



Page - Home

This allows to add/delete/view user accounts and view the list of accounts and is working as expected :

The screenshot shows a web browser window with the title "Shreya Goyal". The menu bar includes "File", "Edit", "View", "History", "Bookmarks", "Profiles", "Tab", "Window", and "Help". The address bar shows "Not Secure | 52.53.111.62:3000/home". The main content area has a header with "Home", "Transfer", "Transaction", "Bill Payment", "Add/Delete Payee", and "Sign Out". Below this is a table with the following data:

Account No	Account Type	Account Status	Account Balance	Actions
97868889	Saving	active	496249	<button>Delete</button>
995783930	Saving	active	0	<button>Delete</button>
995783931	Current	active	0	<button>Delete</button>
995783932	Checking	active	0	<button>Delete</button>
995783942	Checking	active	0	<button>Delete</button>
995783943	Savings	active	0	<button>Delete</button>
995783944	Checking	active	0	<button>Delete</button>

[Add Account](#)



Add Account Details Page :

This allows to add user accounts and view the list of accounts and is working as expected :

Not Secure | 52.53.111.62:3000/addaccount

Shreya Goyal

Home Transfer Transaction Bill Payment Add/Delete Payee Sign Out

Add Account Details

Account Type

Current

Continue

Not Secure | 52.53.111.62:3000/addaccount

Shreya Goyal

Home Transfer Transaction Bill Payment Add/Delete Payee Sign Out

Add Account Details

Account Type

Current

52.53.111.62:3000 says
Successfully inserted records

OK

Continue



After clicking on delete button the record is getting deleted as expected:

The screenshot shows a web browser window with a title bar for 'Shreya Goyal'. The main content area displays a table of bank accounts. A modal dialog box is overlaid on the page, containing the message '52.53.111.62:3000 says Successfully deleted records' with an 'OK' button. The table has columns for Account No, Account Type, Account Balance, and Actions (with a 'Delete' button). Below the table is a blue 'Add Account' button.

Account No	Account Type	Account Balance	Actions
97868889	Saving	active 496249	Delete
995783930	Saving	active 0	Delete
995783931	Current	active 0	Delete
995783932	Checking	active 0	Delete
995783942	Checking	active 0	Delete
995783943	Savings	active 0	Delete
995783944	Checking	active 0	Delete

Add Account

Transfer page: To send amount is working as expected:

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Fri May 14 11:54 AM

Not Secure | 52.53.111.62:3000/transfer

Shreya Goyal

Home Transfer Transaction Bill Payment Add/Delete Payee Sign Out

Get started with us today! Transfer amount to another account.

From: 97868889

To (If Payee is not in the list, Please add payee): TMobile

Amount: 50

Date: 05/14/2021

May 2021

S	M	T	W	T	F	S
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

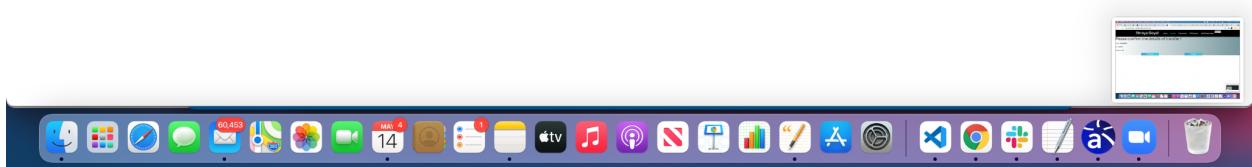
Continue



Transfer Confirmation Page:

A screenshot of a web browser window showing a transfer confirmation page. The browser's address bar shows "Not Secure | 52.53.111.62:3000/transfer". The main content area has a black header with the name "Shreya Goyal". Below the header, a message says "Please confirm the details of transfer!". It lists the transfer details: "From : 97868889", "To : 120977", and "Amount : 50". At the bottom are two buttons: "Continue" on the left and "Cancel" on the right.

A screenshot of a web browser window showing a transfer confirmation page. The browser's address bar shows "Not Secure | 52.53.111.62:3000/transfer". The main content area has a black header with the name "Shreya Goyal". Below the header, a message says "Please confirm the detail". A modal dialog box is displayed in the center, containing the text "52.53.111.62:3000 says Transfer from account number 97868889 to 120977 successful!" with an "OK" button. At the bottom are two buttons: "Continue" on the left and "Cancel" on the right.



Transaction : Input from user to view transaction :

View Transactions details

Accounts
97868889

Use this filter to select date range for search

From Date
05/14/2021

To Date
05/14/2021

View Transactions

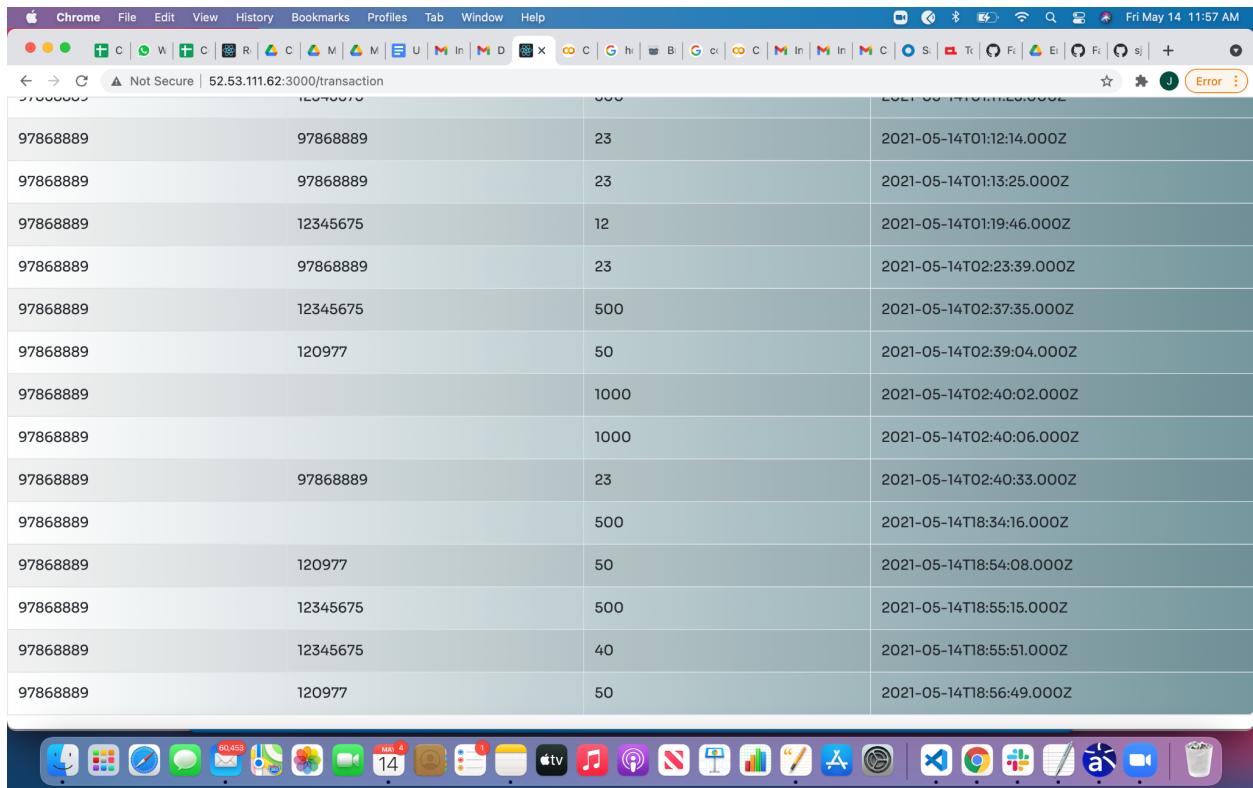
Not Secure | 52.53.111.62:3000/transaction

Fri May 14 11:55 AM

Home Transfer **Transaction** Bill Payment Add/Delete Payee Sign Out

14

View Transaction: based on details



A screenshot of a web browser window titled "Not Secure | 52.53.111.62:3000/transaction". The browser interface includes a menu bar with Chrome, File, Edit, View, History, Bookmarks, Profiles, Tab, Window, Help, and a toolbar with various icons. The main content area displays a table with 15 rows of transaction data. The columns represent the transaction ID, amount, and timestamp.

97868889	97868889	23	2021-05-14T01:12:14.000Z
97868889	97868889	23	2021-05-14T01:13:25.000Z
97868889	12345675	12	2021-05-14T01:19:46.000Z
97868889	97868889	23	2021-05-14T02:23:39.000Z
97868889	12345675	500	2021-05-14T02:37:35.000Z
97868889	120977	50	2021-05-14T02:39:04.000Z
97868889		1000	2021-05-14T02:40:02.000Z
97868889		1000	2021-05-14T02:40:06.000Z
97868889	97868889	23	2021-05-14T02:40:33.000Z
97868889		500	2021-05-14T08:34:16.000Z
97868889	120977	50	2021-05-14T08:54:08.000Z
97868889	12345675	500	2021-05-14T08:55:15.000Z
97868889	12345675	40	2021-05-14T08:55:51.000Z
97868889	120977	50	2021-05-14T08:56:49.000Z

Bill Payment : Based on the inputs from users the bill payment is done .Bill Payment Page:

Bill Transfer Page:

A screenshot of a web browser window titled "Shreya Goyal". The URL bar shows "Not Secure | 52.53.111.62:3000/billPayment". The page has a dark header with "Shreya Goyal" and navigation links: Home, Transfer, Transaction, Bill Payment (which is highlighted in blue), and Add/Delete Payee. A "Sign Out" link is also present. The main content area is titled "Get started with the bill payment !". It contains the following fields:

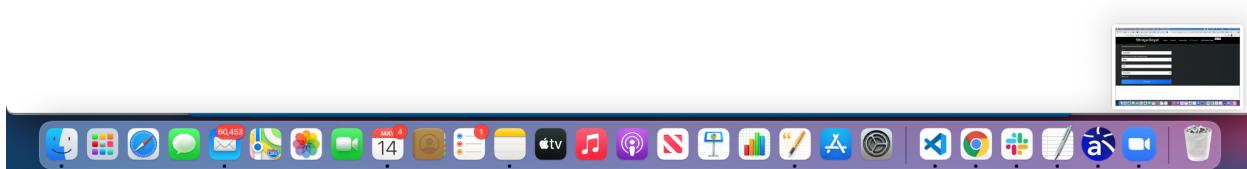
- From: dropdown menu showing "97868889"
- To (If Payee is not in the list, Please add payee): dropdown menu showing "PG&E"
- Amount: input field showing "500"
- Date: input field showing "05/15/2021" with a calendar icon
- Recurring

[Continue](#)

A screenshot of a web browser window titled "Shreya Goyal". The URL bar shows "Not Secure | 52.53.111.62:3000/billPayment". The page has a dark header with "Shreya Goyal" and navigation links: Home, Transfer, Transaction, Bill Payment (highlighted in blue), and Add/Delete Payee. A "Sign Out" link is also present. The main content area is titled "Please confirm the details of transfer !". It displays the following information:

From : 97868889
To : 10903489
Amount : 500
Recurring Type : Daily

[Continue](#) [Cancel](#)



Delete Payee :

The screenshot shows a web browser window titled "Shreya Goya" with a message indicating "Successfully deleted records". Below this, a table lists payees with their names, account types, account numbers, and a "Delete" button for each. The table has columns for Payee Name, Payee Account Type, Payee Account Number, and Actions. The "Actions" column contains blue "Delete" buttons. The browser's status bar shows the URL "52.53.111.62:3000/add-DeletePayee".

Payee Name	Payee Account Type	Payee Account Number	Actions
TMobileNewLane	Current	1090808	<button>Delete</button>
PG&E	Current	10903489	<button>Delete</button>
Duncan	Checking	12345675	<button>Delete</button>
Teepika	Checking	12345678	<button>Delete</button>
Jagruti	Checking	12345679	<button>Delete</button>
Payal	Checking	22323232	<button>Delete</button>
Priya	Checking	26736273	<button>Delete</button>
shreya	Saving	123409080	<button>Delete</button>

Add Payee

Add Payee:

52.53.111.62:3000 says
Successfully inserted records

OK

Add Payee details for secure transfer

Payee Name
Deepika Padukone

Payee Account Number
989090

Payee Account Type
Current

Continue



Payee Name	Payee Account Type	Payee Account Number	Actions
Deepika Padukone	Current	989090	Delete
TMobileNewLane	Current	1090808	Delete
PG&E	Current	10903489	Delete
Deepika	FD	10908948	Delete
Duncan	Checking	12345675	Delete
Teepika	Checking	12345678	Delete
Jagruti	Checking	12345679	Delete
Payal	Checking	22323232	Delete
Priya	Checking	26736273	Delete

