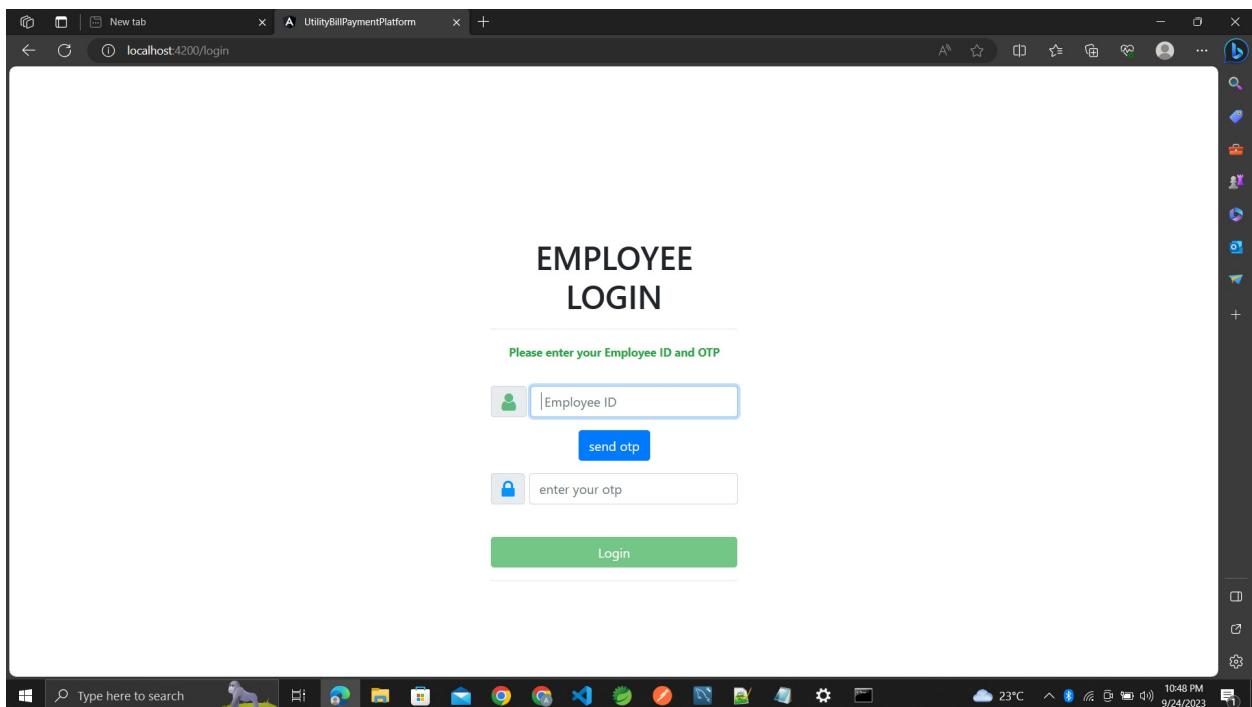


Final Assignment 2023 - Utility Bill & Payment Platform

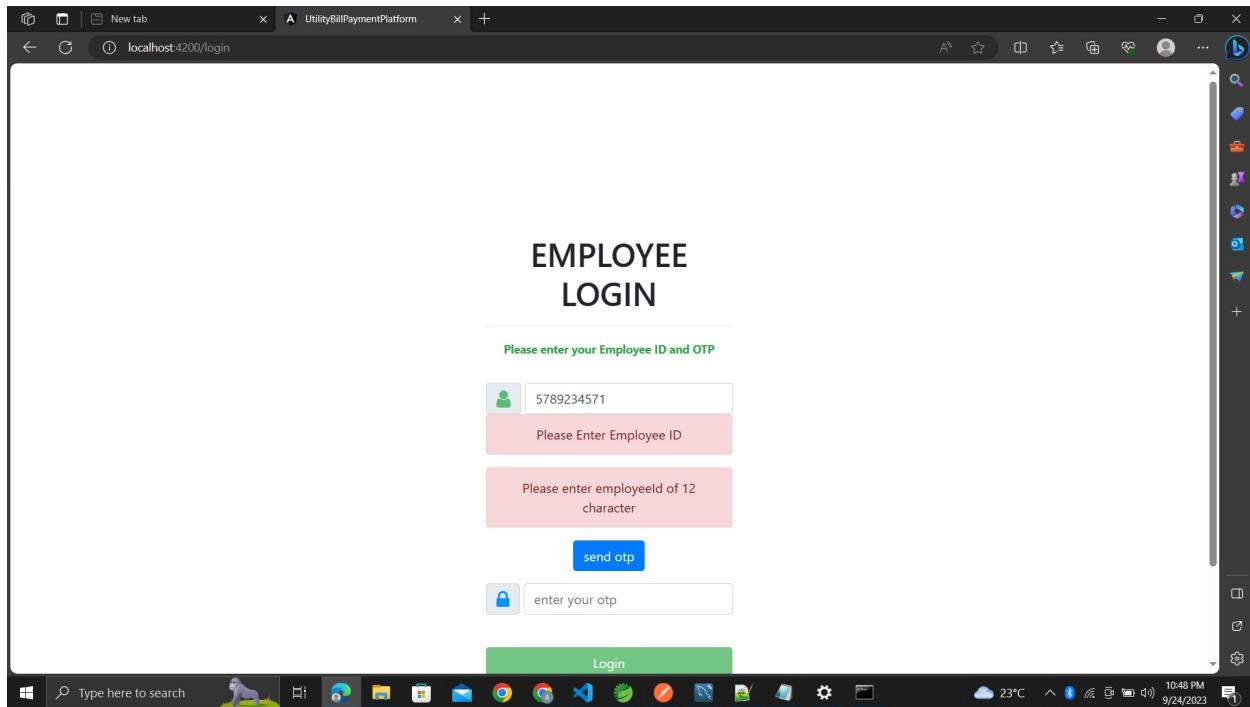
104: Apeksha Dhormale

Developer 1: Company-Facing Utility Billing Application Developer

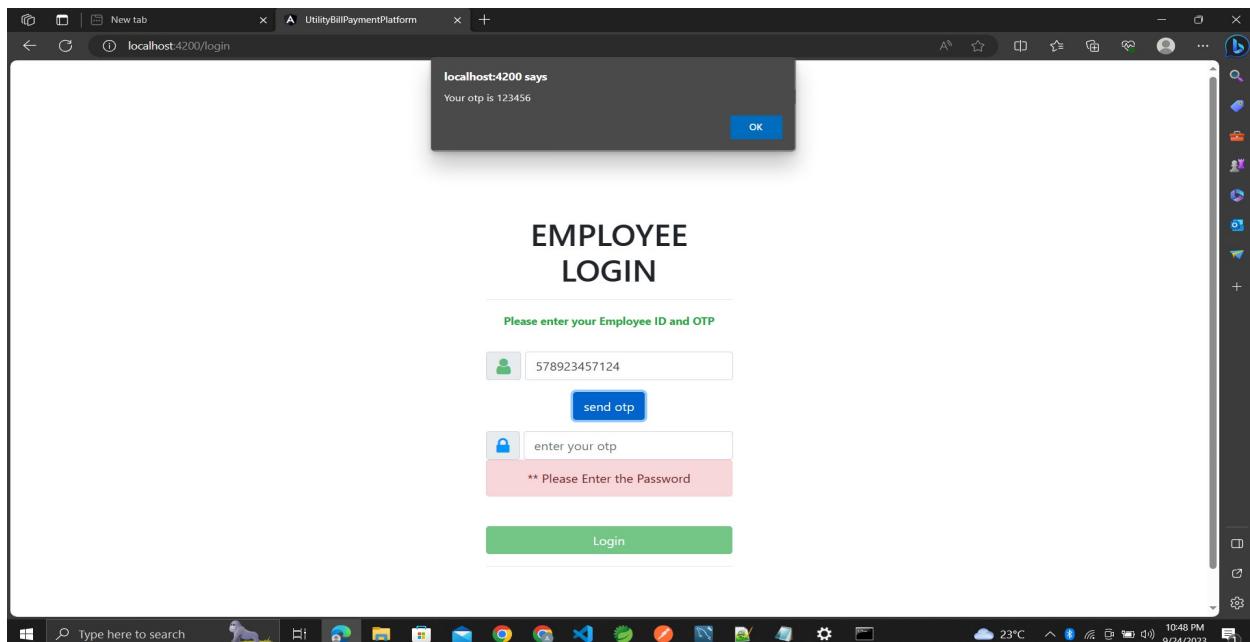
This is login page



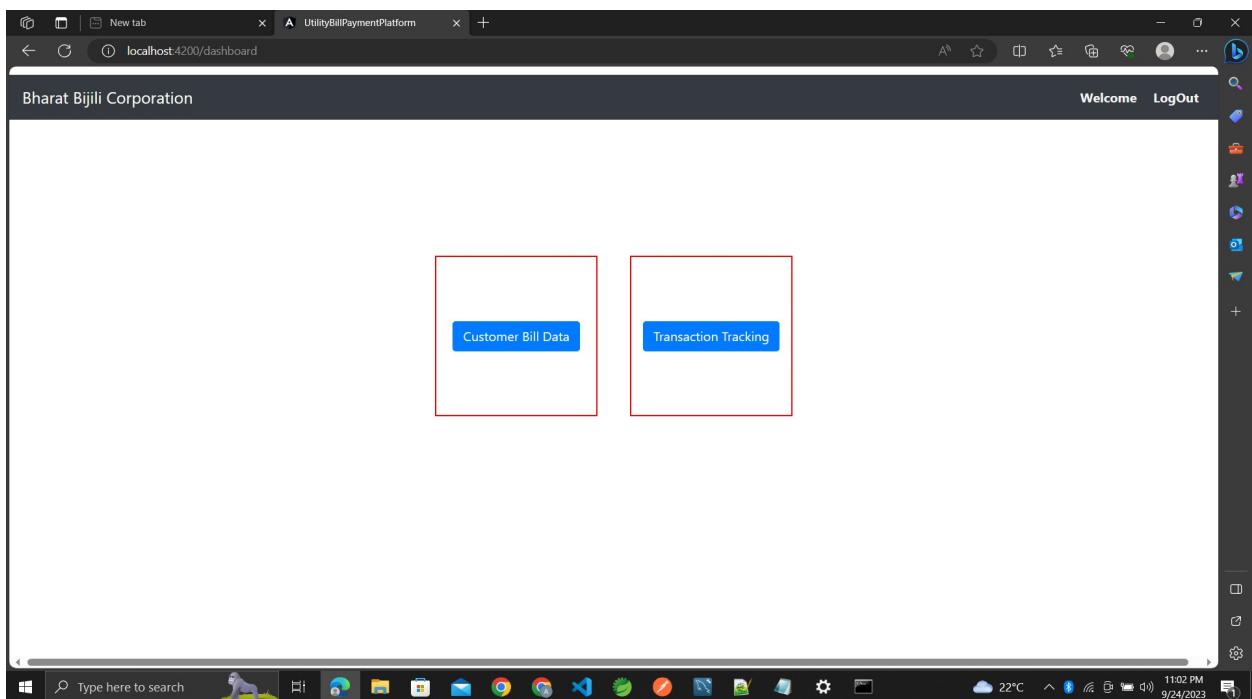
If employee not enter any employee id and password then this message gets displayed



If employee click on send otp then otp is displayed



When employee enters both valid username and otp then navigate to dashboard



When employee click on **customer bill data** then it it navigate to next window and below window gets displayed

The screenshot shows a web browser window titled "UtilityBillPaymentPlatform" at the URL "localhost:4200/customer-bill-data". The page has a dark header with the text "Bharat Bijili Corporation", "Welcome", and "LogOut". Below the header is a table with the following data:

BillId	Customer Name	Customer Id	Unit Consumed	Bill Start Date	Bill Due Date	Email	Telephone	Bill Status	Invoice
1	Apeksha	391302518788	129.9	18-09-2023	01-10-2023	jwhdhbd@gmail.com	1235678	paid	Invoice
2	Vishwata	764235678945	100.5	23-02-2023	24-04-2023	vishwata@example.com	7897125678	paid	Invoice
3	Andleep	878906453278	75.2	08-04-2022	07-05-2022	andleep@example.com	8976456543	paid	Invoice
4	Apeksha	978906453278	85.2	09-07-2022	07-05-2022	apeksha@example.com	9756876543	pending	Invoice
5	Sakshi	578906553278	65.2	08-04-2023	07-05-2022	sakshi@example.com	8975897654	paid	Invoice
6	Vikrant	894235678945	100.5	23-02-2023	24-04-2023	vikrant@example.com	7897125678	pending	Invoice

The browser taskbar at the bottom shows various pinned icons and the system tray indicates the date as 9/24/2023, the time as 10:49 PM, and the temperature as 23°C.

Employee has authority to pay customer bills when employee click on bill status which is pending then it updated into paid and popup gets displayed

The screenshot shows a web browser window titled "UtilityBillPaymentPlatform" at the URL "localhost:4200/customer-bill-data". The page header "Bharat Bijili Corporation" is visible. Below the header is a navigation bar with "Add Customer" and "Add Customer In Bulk" buttons. A green success message box in the top right corner says "Customer Data Updated Successfully". The main content is a table with the following data:

BillId	Customer Name	Customer Id	Unit Consumed	Bill Start Date	Bill Due Date	Email	Telephone	Bill Status	Invoice
1	Apeksha	391302518788	129.9	18-09-2023	01-10-2023	jwhdhbd@gmail.com	1235678	paid	Invoice
2	Vishwata	764235678945	100.5	23-02-2023	24-04-2023	vishwata@example.com	7897125678	paid	Invoice
3	Andleep	878906453278	75.2	08-04-2022	07-05-2022	andleep@example.com	8976456543	paid	Invoice
4	Apeksha	978906453278	85.2	09-07-2022	07-05-2022	apeksha@example.com	9756876543	pending	Invoice
5	Sakshi	578906553278	65.2	08-04-2023	07-05-2022	sakshi@example.com	8975897654	paid	Invoice
6	Vikrant	894235678945	100.5	23-02-2023	24-04-2023	vikrant@example.com	7897125678	paid	Invoice

The taskbar at the bottom of the screen shows various pinned icons and the system clock indicating 10:49 PM on 9/24/2023.

Employee has authority to pay customer bills when employee click on bill status which is already paid then popup gets displayed
Like **bill is already paid**

Bharat Bijili Corporation

Add Customer Add Customer In Bulk

BillId	Customer Name	Customer Id	Unit Consumed	Bill Start Date	Bill Due Date	Email	Telephone	Bill Status	Invoice
1	Apeksha	391302518788	129.9	18-09-2023	01-10-2023	jwhdhbd@gmail.com	1235678	paid	Invoice
2	Vishwata	764235678945	100.5	23-02-2023	24-04-2023	vishwata@example.com	7897125678	paid	Invoice
3	Andleep	878906453278	75.2	08-04-2022	07-05-2022	andleep@example.com	8976456543	paid	Invoice
4	Apeksha	978906453278	85.2	09-07-2022	07-05-2022	apeksha@example.com	9756876543	pending	Invoice
5	Sakshi	578906553278	65.2	08-04-2023	07-05-2022	sakshi@example.com	8975897654	paid	Invoice
6	Vikrant	894235678945	100.5	23-02-2023	24-04-2023	vikrant@example.com	7897125678	pending	Invoice

Bill Already Paid

When employee click on invoice button then invoice gets generated for particular customer

The screenshot shows a web browser window titled "UtilityBillPaymentPlatform" at "localhost:4200/customer-bill-data". The page header includes "Bharat Bijili Corporation", "Welcome", and "LogOut". Below the header is a navigation bar with "Add Customer" and "Add Customer In Bulk" buttons. The main content is a table with the following data:

BillId	Customer Name	Customer Id	Unit Consumed	Bill Start Date	Bill Due Date	Email	Telephone	Bill Status	Invoice
1	Apeksha	391302518788	129.9	18-09-2023	01-10-2023	jwhdhbd@gmail.com	1235678	paid	<button>Invoice</button>
2	Vishwata	764235678945	100.5	23-02-2023	24-04-2023	vishwata@example.com	7897125678	paid	<button>Invoice</button>
3	Andleep	878906453278	75.2	08-04-2022	07-05-2022	andleep@example.com	8976456543	paid	<button>Invoice</button>
4	Apeksha	978906453278	85.2	09-07-2022	07-05-2022	apeksha@example.com	9756876543	pending	<button>Invoice</button>
5	Sakshi	578906553278	65.2	08-04-2023	07-05-2022	sakshi@example.com	8975897654	paid	<button>Invoice</button>
6	Vikrant	894235678945	100.5	23-02-2023	24-04-2023	vikrant@example.com	7897125678	paid	<button>Invoice</button>

The status column contains green "paid" buttons for rows 1, 2, 3, 5, and 6, and a blue "pending" button for row 4. The "Invoice" column contains blue buttons for all rows. The browser taskbar at the bottom shows various pinned icons and system status.

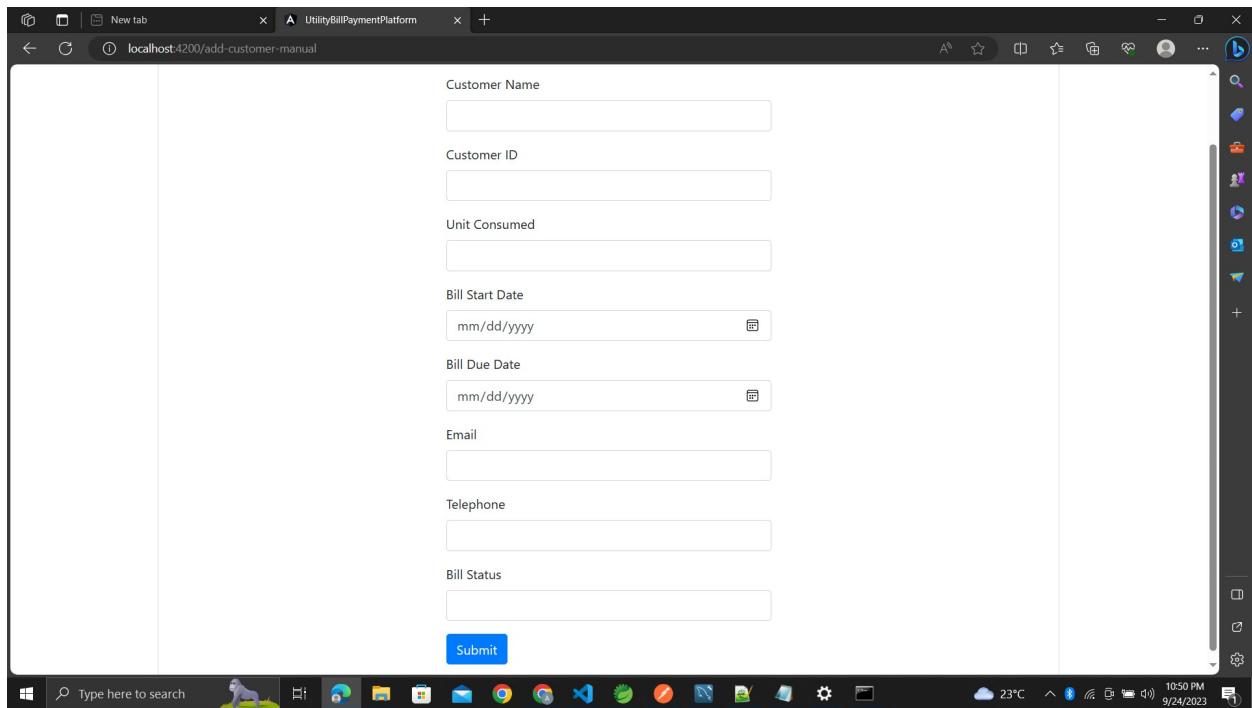
If employee wants to generate invoice for first customer then:
Below the invoice which is generated

The screenshot shows a web browser window titled "UtilityBillPaymentPlatform" at the URL "localhost:4200/viewbill/1". The page has a dark header with "Bharat Bijili" and a light gray body with a title "Billing Invoice". Below the title is a table with the following data:

Bill ID	1
Customer Name	Apeksha
Customer ID	391302518788
Unit Consumed	129.9 KW
Bill Start Date	Sep 18, 2023
Bill Due Date	Oct 1, 2023
Email	jwhdhbd@gmail.com
Telephone	1235678
Bill Status	paid

The browser's address bar shows "localhost:4200/viewbill/1". The taskbar at the bottom includes icons for File Explorer, Mail, and other system tools, along with the date "9/24/2023" and time "10:49 PM".

When employee wants to add customer manually then employee click on add customer button then its navigate to next page and below the page gets displayed

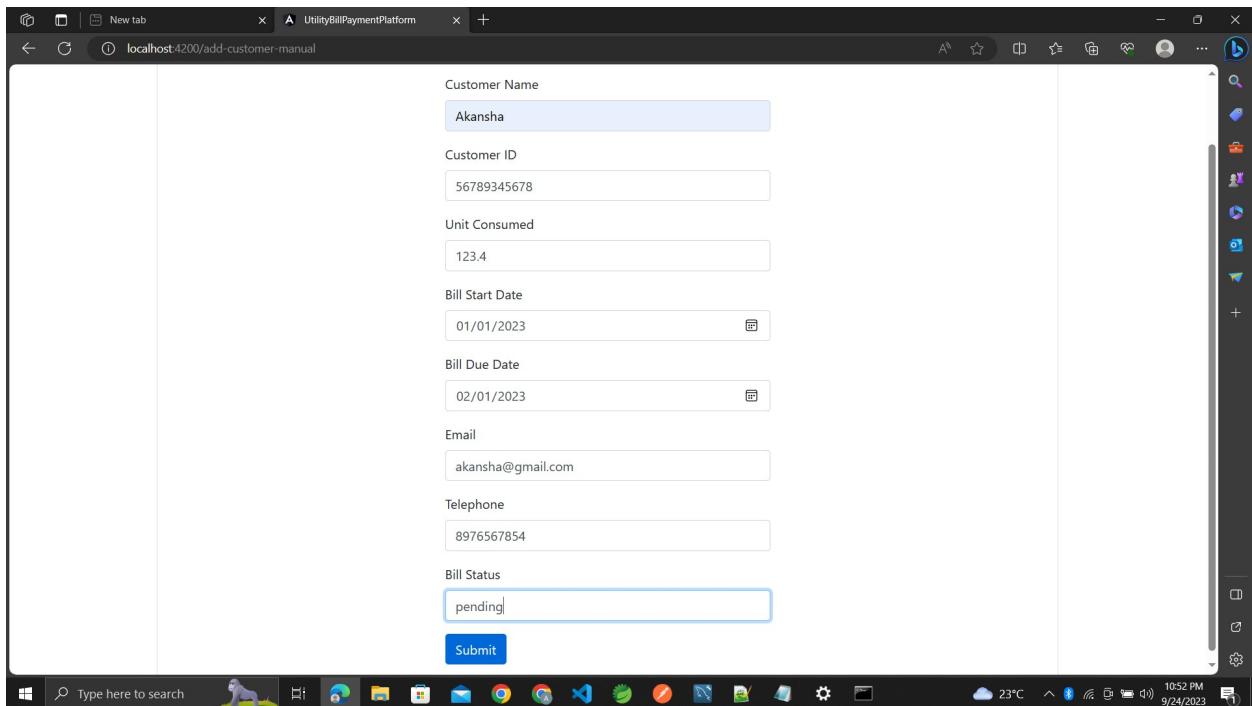


The screenshot shows a Microsoft Edge browser window with the title "UtilityBillPaymentPlatform". The URL "localhost:4200/add-customer-manual" is visible in the address bar. The page displays a form for adding a customer. The form fields are:

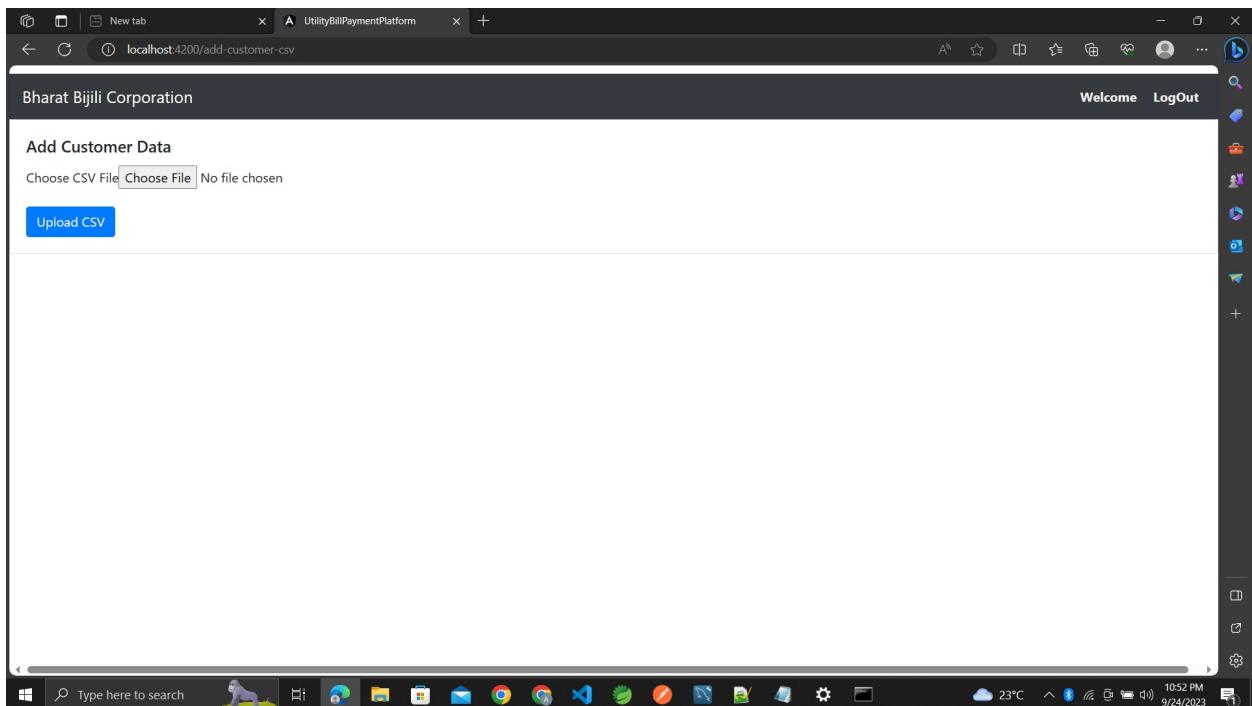
- Customer Name: An input field.
- Customer ID: An input field.
- Unit Consumed: An input field.
- Bill Start Date: An input field with a date picker icon.
- Bill Due Date: An input field with a date picker icon.
- Email: An input field.
- Telephone: An input field.
- Bill Status: An input field.

At the bottom of the form is a blue "Submit" button. The browser interface includes a toolbar with various icons and a taskbar at the bottom showing other open applications like File Explorer, Mail, and Edge.

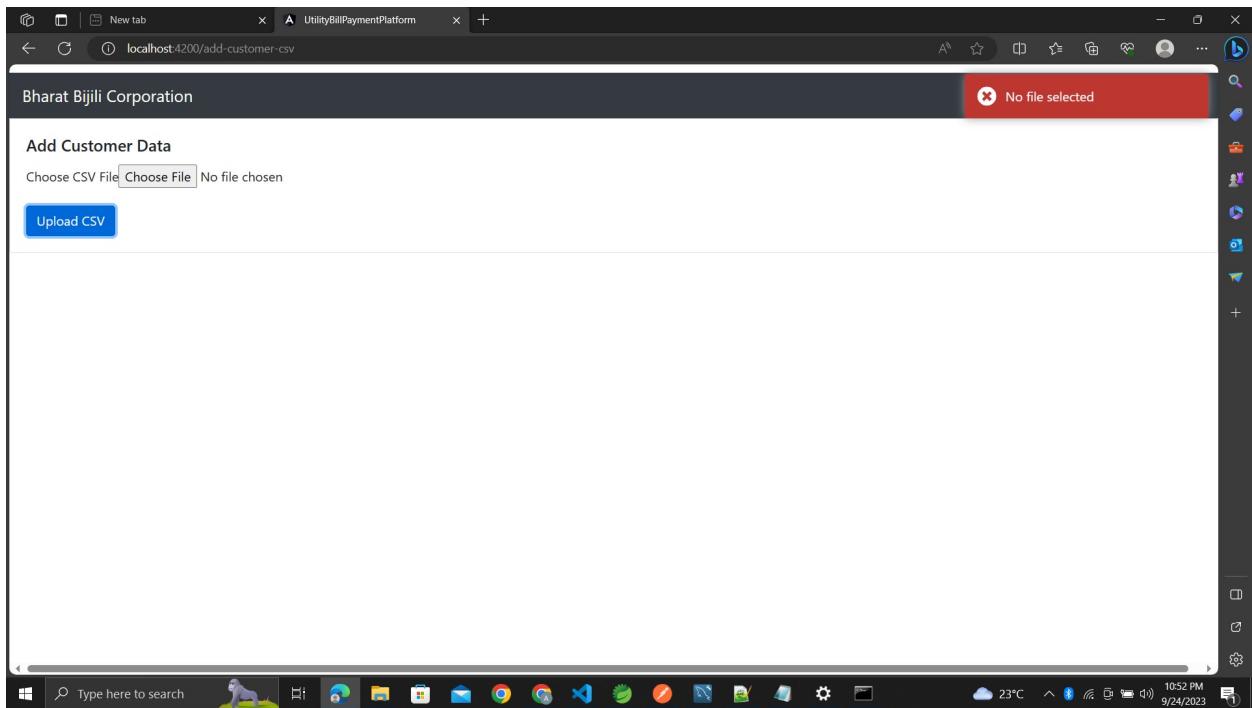
When employee fill data for customer manually and click on submit button then popup gets displayed



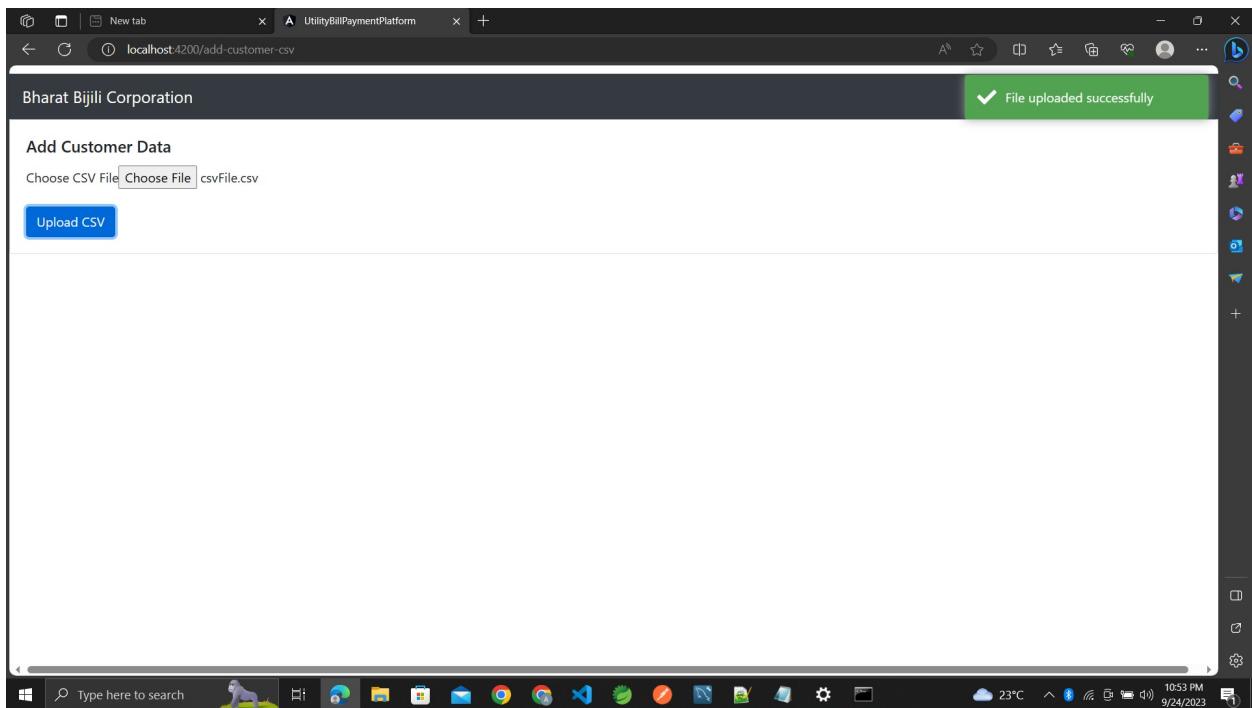
When employee wants to upload customer data in **bulk** then employee click on **Add Customer In Bulk Button** then its navigate to next page and below the page gets displayed



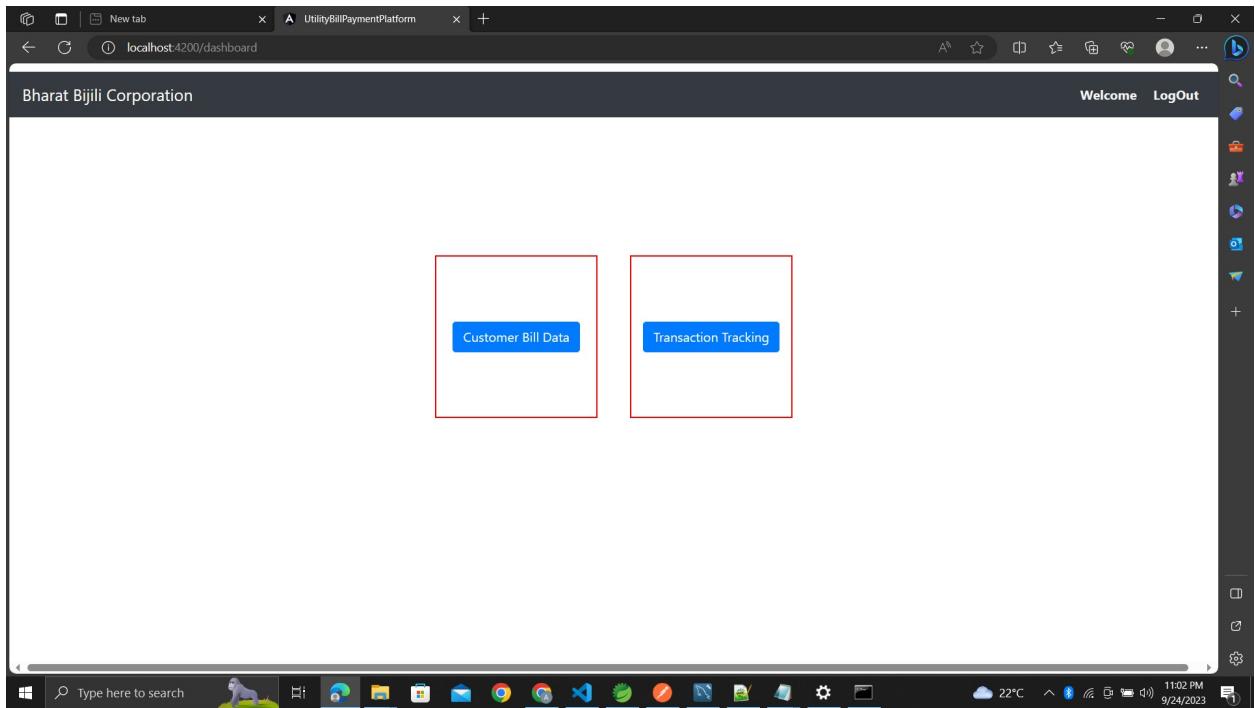
If press on Upload csv button without selected file then error message gets displayed



When employee add csv file of customer data and click on upload csv button then file gets uploaded and success message gets displayed

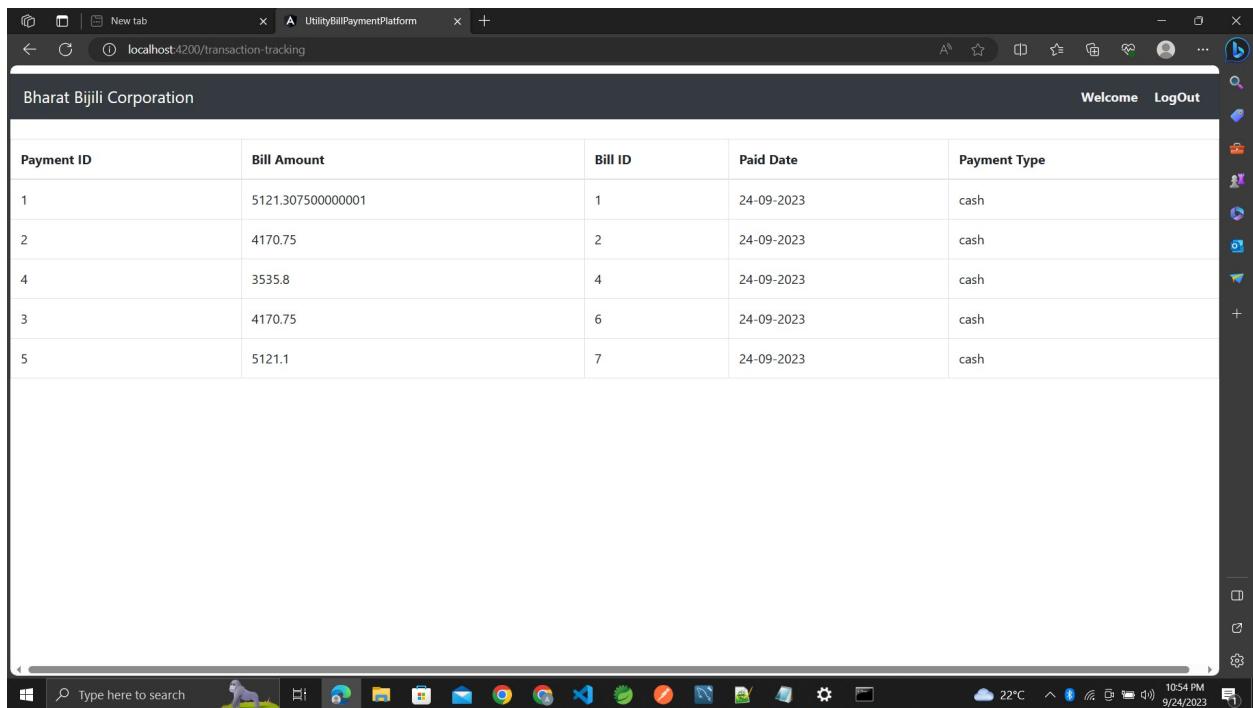


Now come back to dashboard



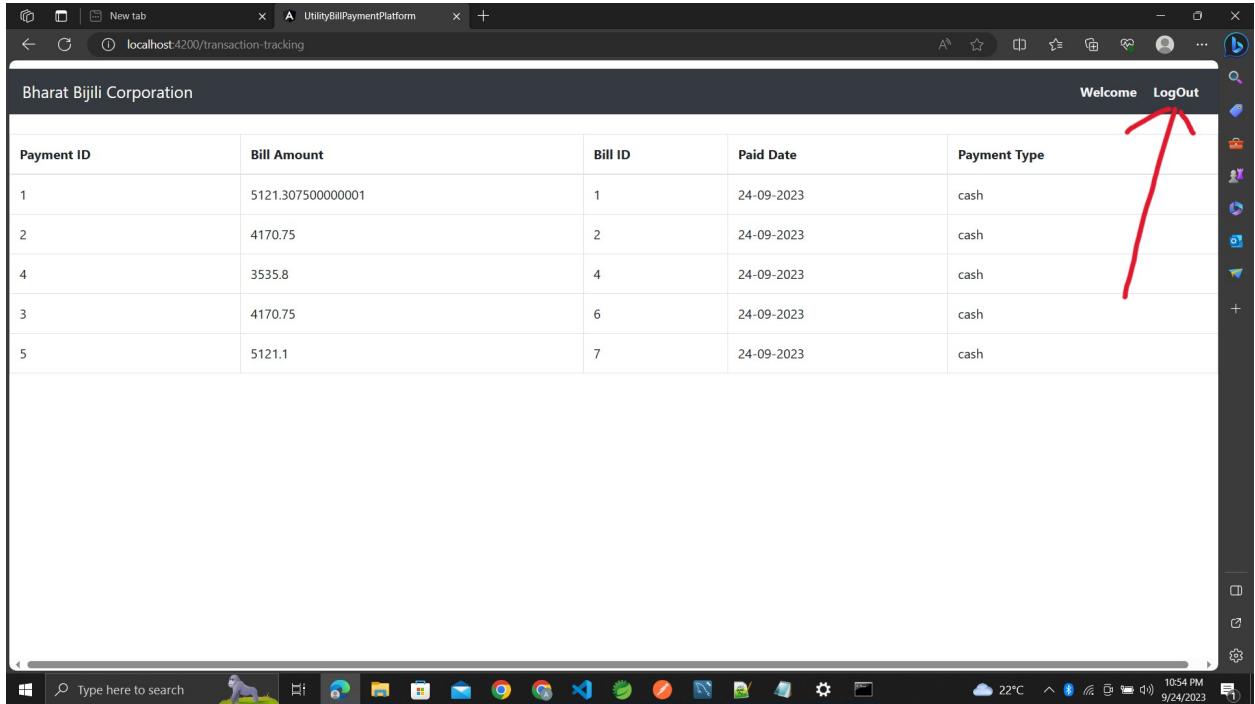
If employee has access to track payment transaction

When employee Transaction Tracking button then it navigate to next page and transaction history gets displayed

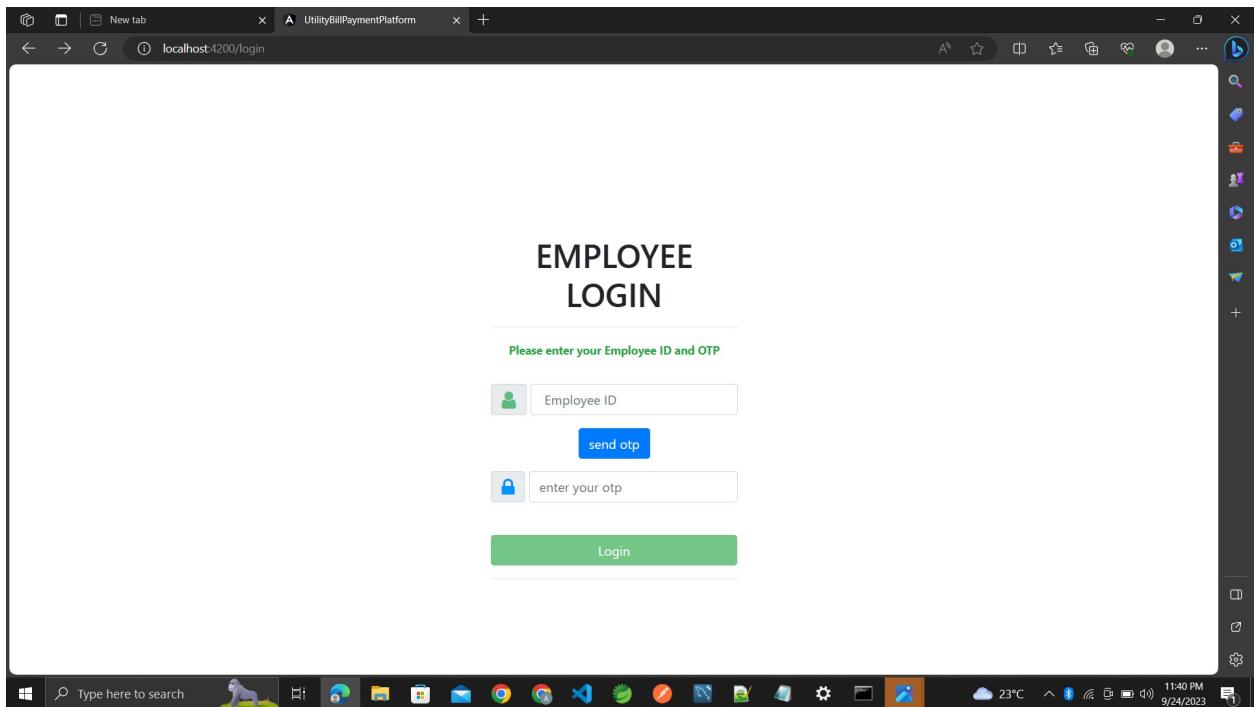


Payment ID	Bill Amount	Bill ID	Paid Date	Payment Type
1	5121.307500000001	1	24-09-2023	cash
2	4170.75	2	24-09-2023	cash
4	3535.8	4	24-09-2023	cash
3	4170.75	6	24-09-2023	cash
5	5121.1	7	24-09-2023	cash

Now when employee click in logout button which is at right side corner then it navigate to login page



Now we again at login page



Thank You

If you have any query kindly reach us...

Apeksha Dhormale