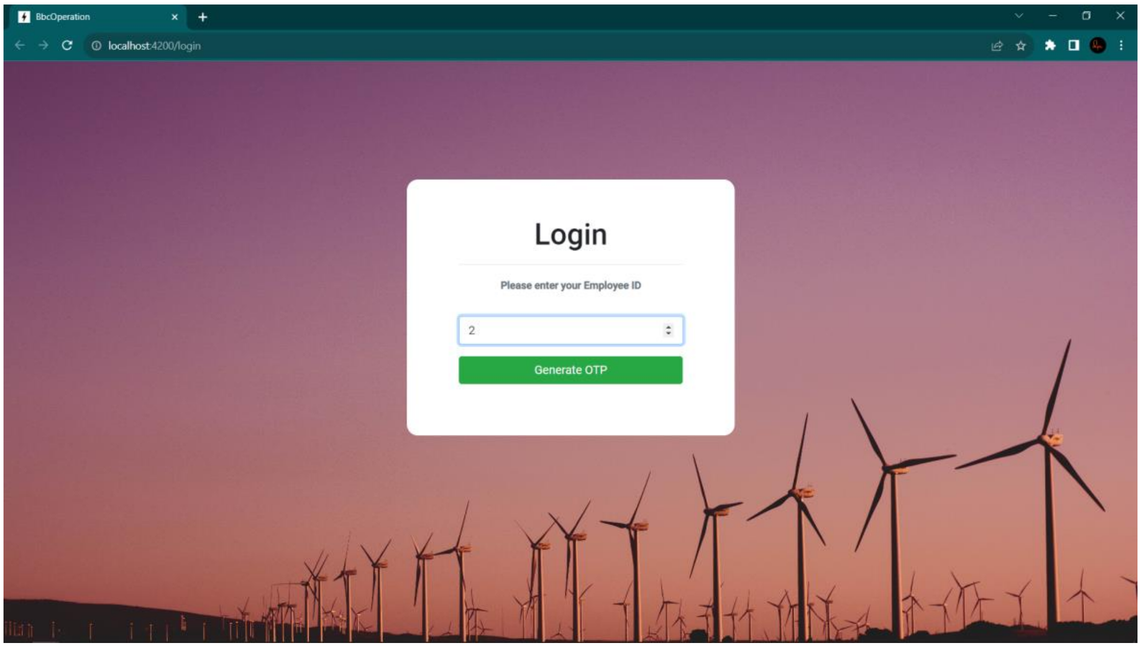
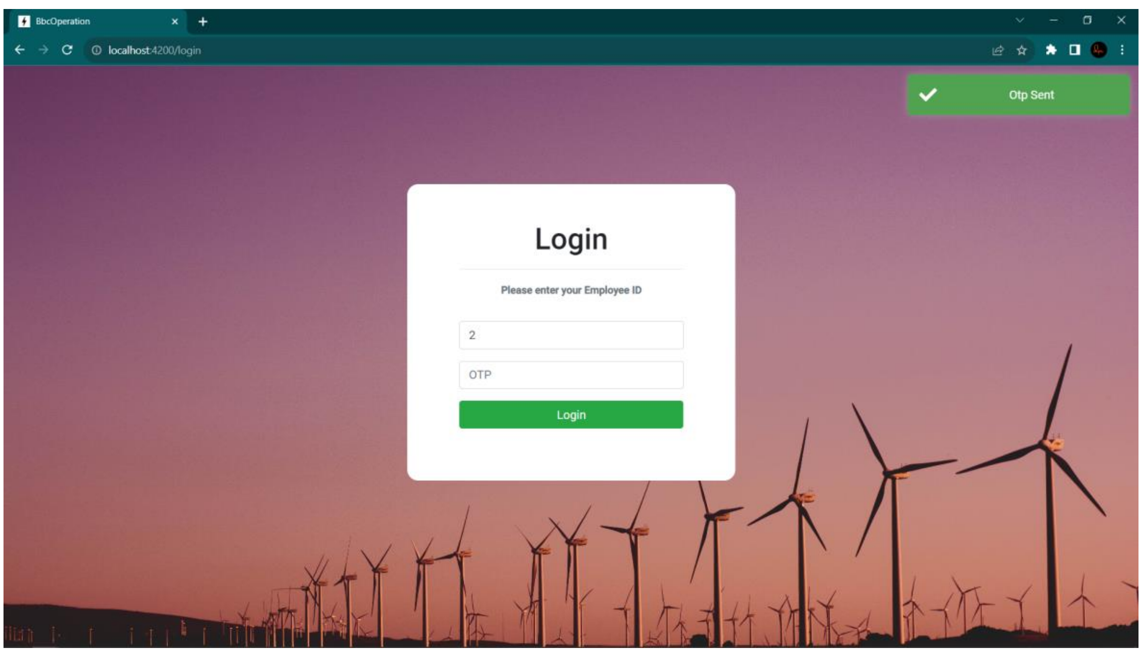
Bharat Bijili Corporation (BBC)

Company-Facing Utility Billing Application

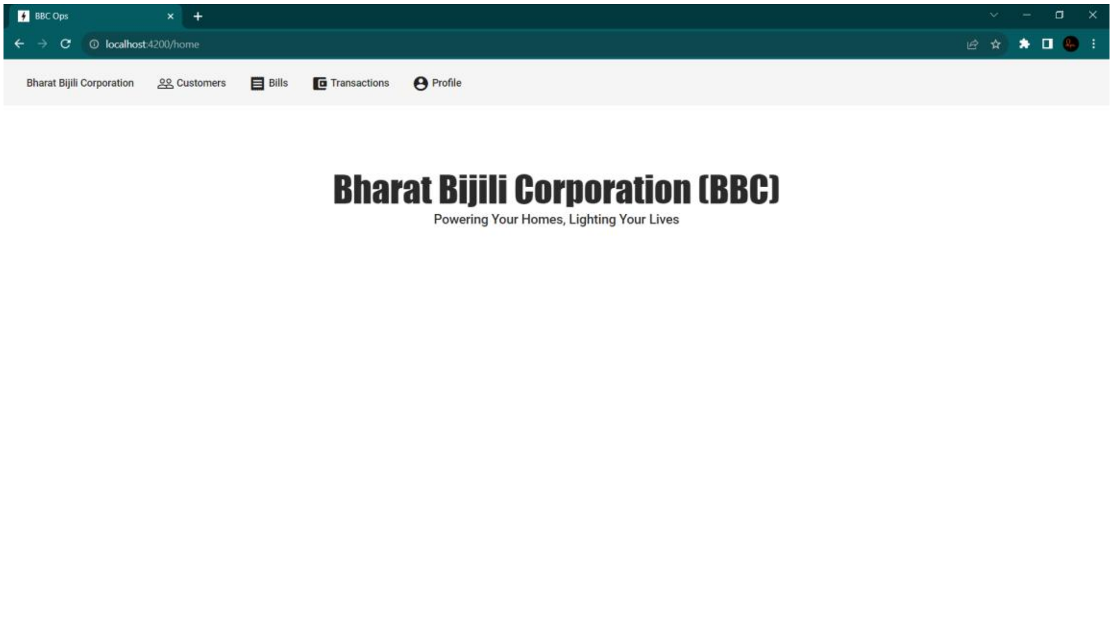
User Guide

1. **Log In**
   Users can enter their Employee ID and generate an OTP. The OTP will be sent to their registered email address.
   (For testing purposes, the OTP can found in the console.)

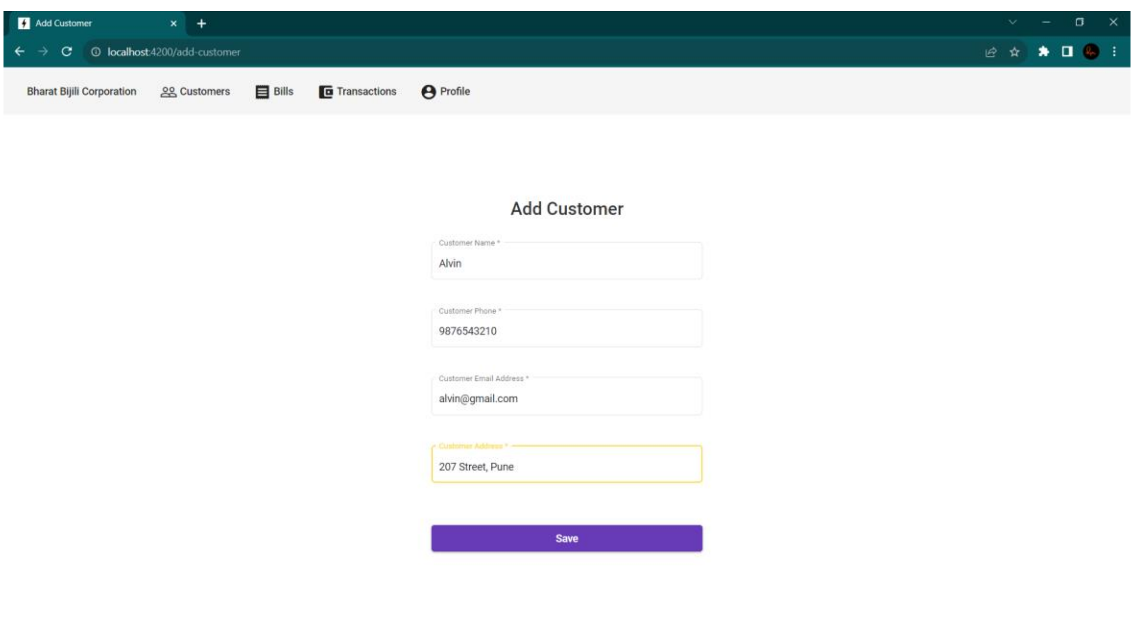




2. **Home page**
   After logging in, users will be directed to the home page of the application.

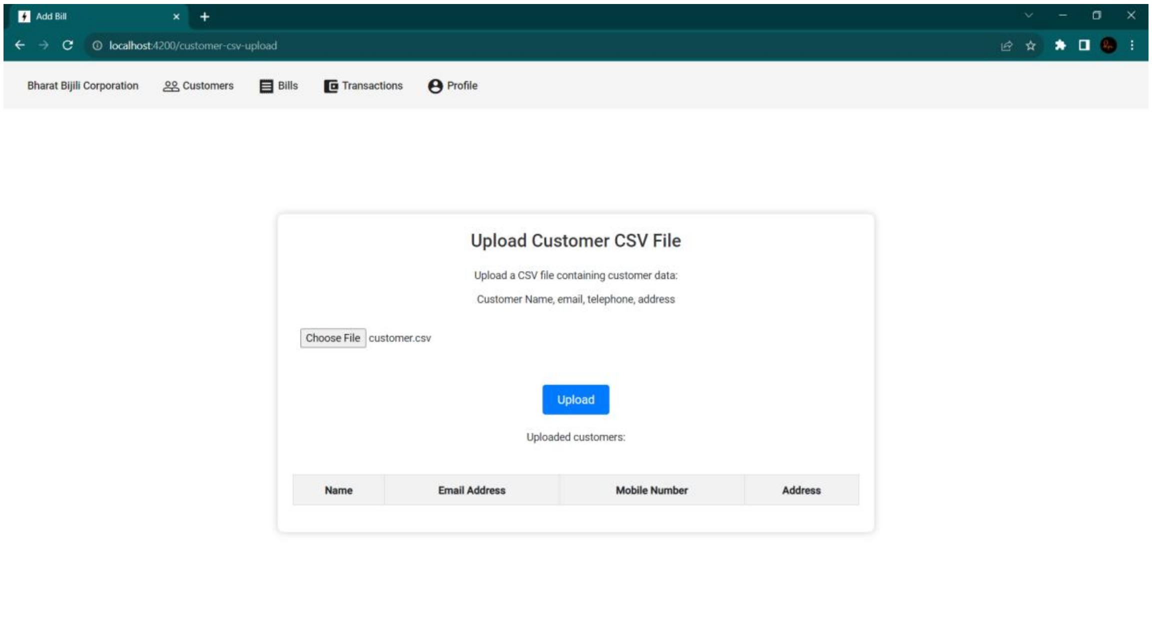


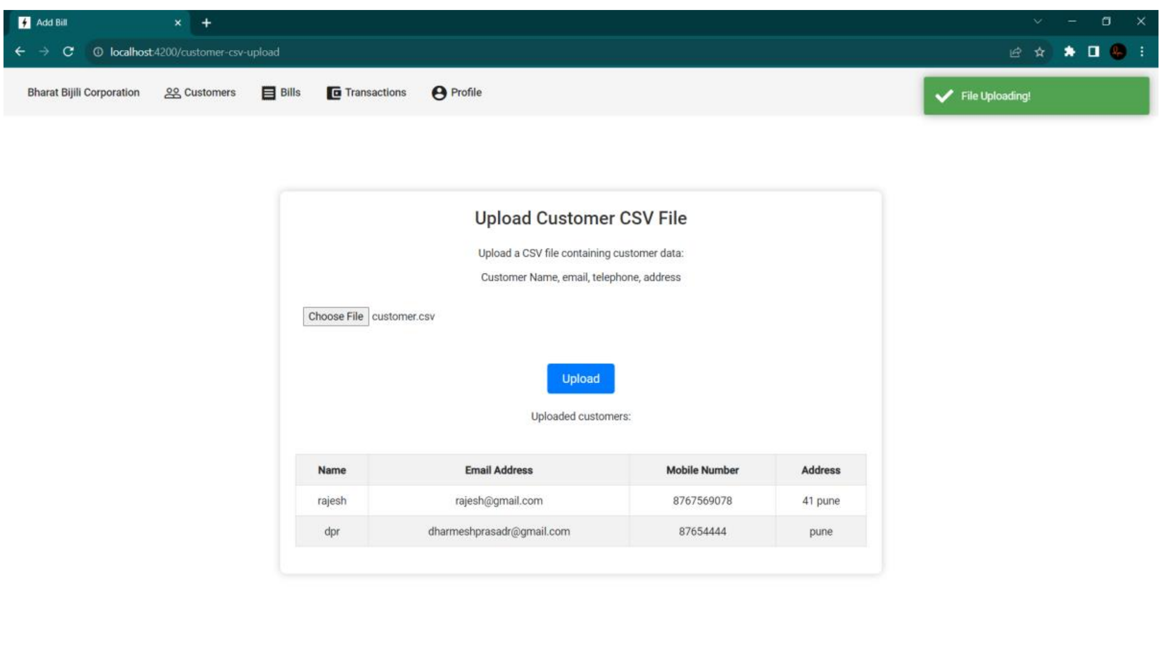
3. **Add Customer**
   Users (employees) can register new customers on this page. To avoid duplication, the system checks if a customer already exists based on the provided mobile number. If a customer with the same mobile number is found, the system will prevent the creation of a duplicate entry.



4. **Register customers by CSV file**

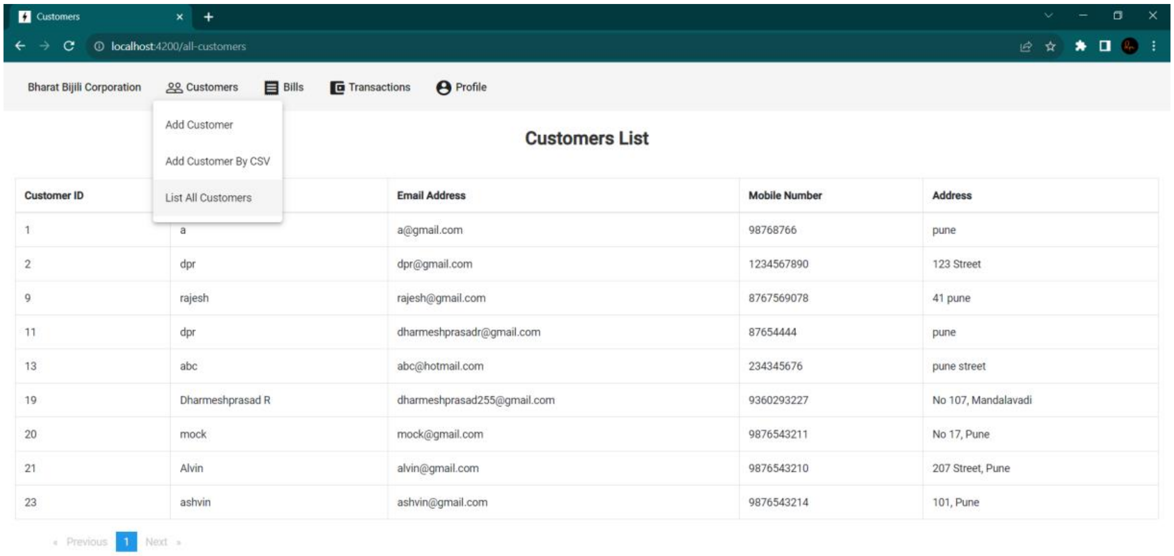
Employees can register customers by uploading a CSV (Comma-Separated Values) file. The CSV file should include the following customer details: Customer Name, email, telephone, and address. If any of these fields are not valid or missing in a record, that specific record will skipped during the registration process.





5. Customer List

Users can see a list of all registered customers in the system.



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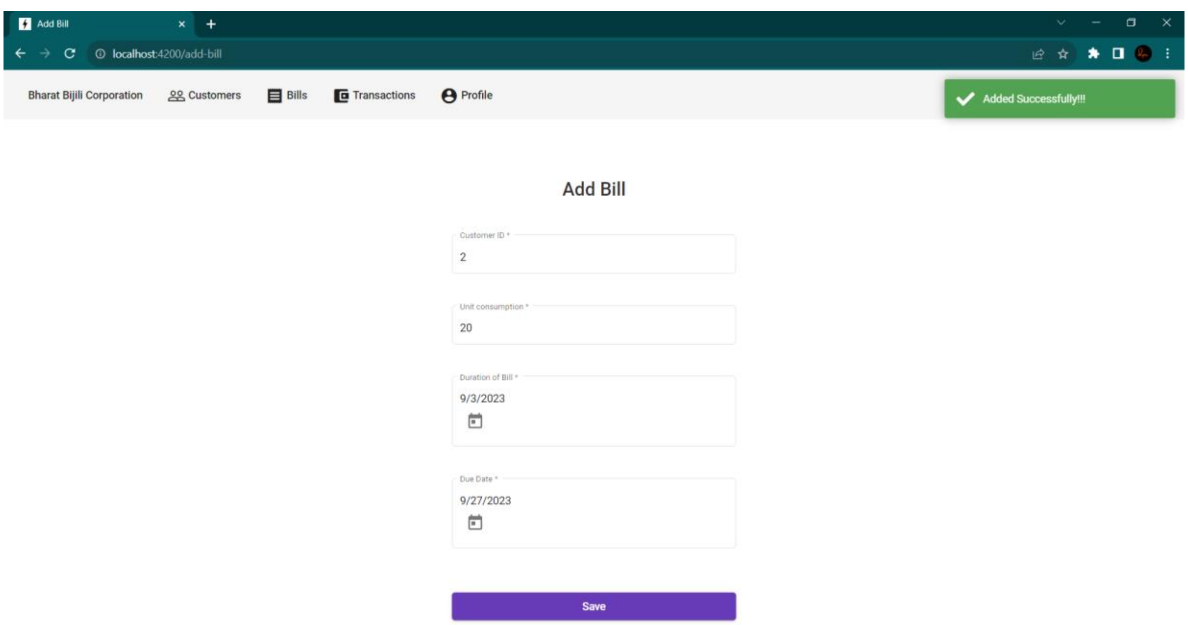
6. Add bill

Users can add a bill to a registered customer,

The customer must already exist in the system, identified by their customer ID. If the customer does not exist, the system will not accept the bill.

The due date of the bill must be greater than the date of the bill itself to ensure proper billing.



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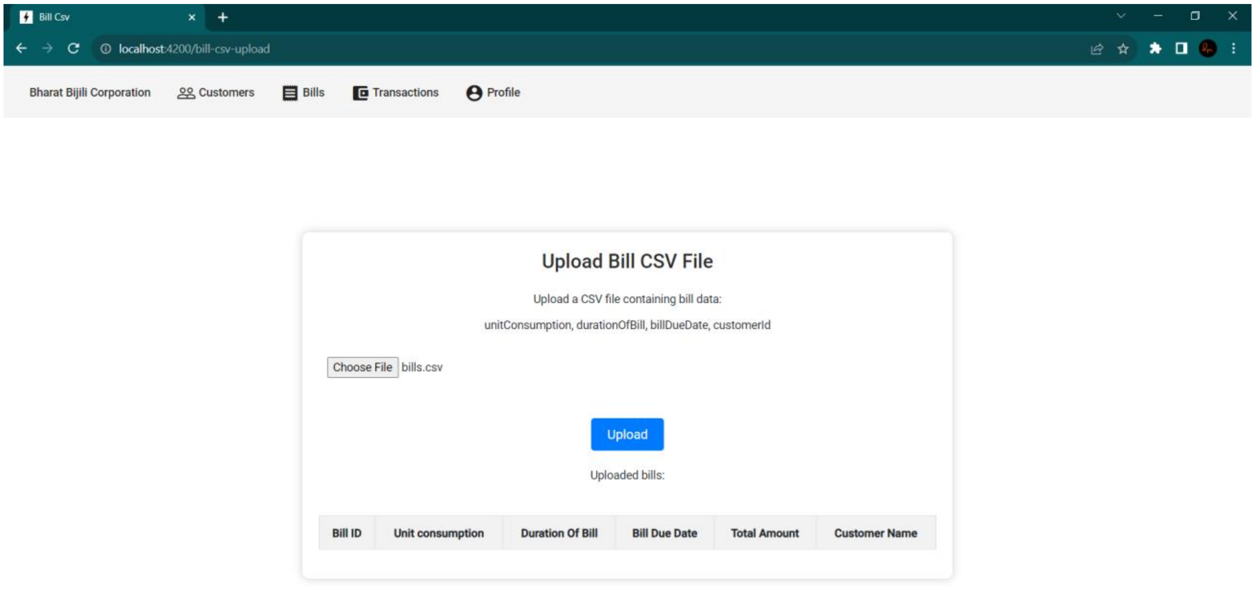
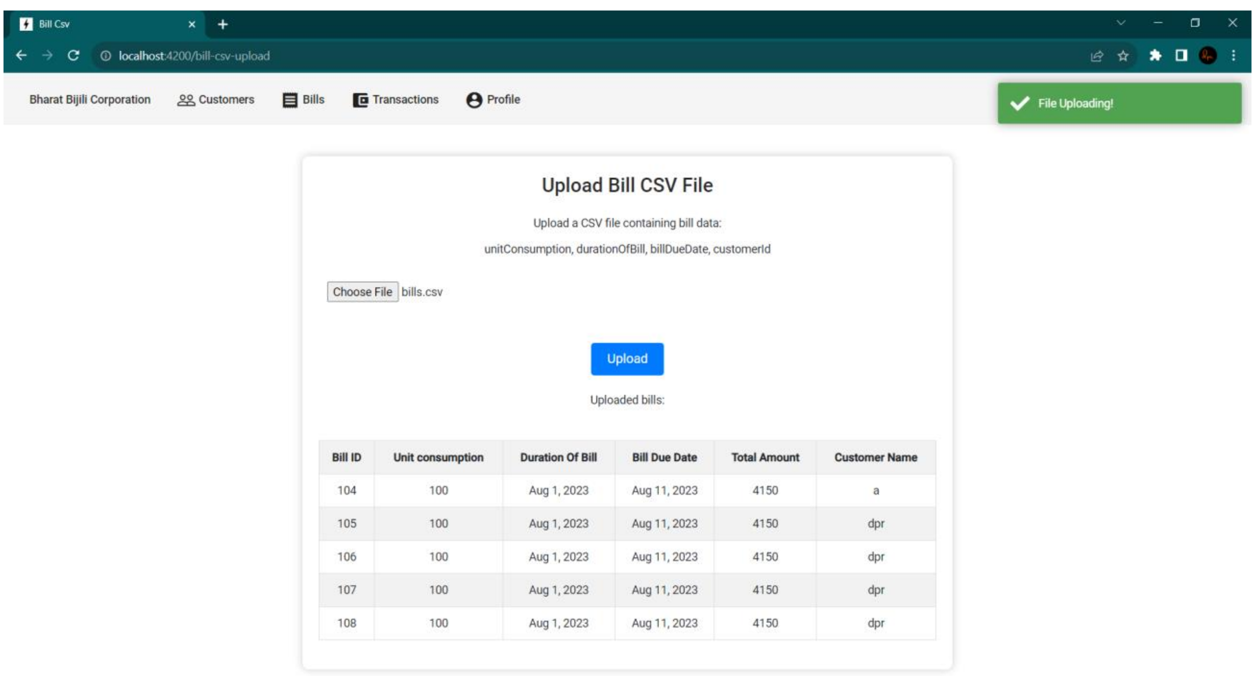
7. **Add bills through csv file**

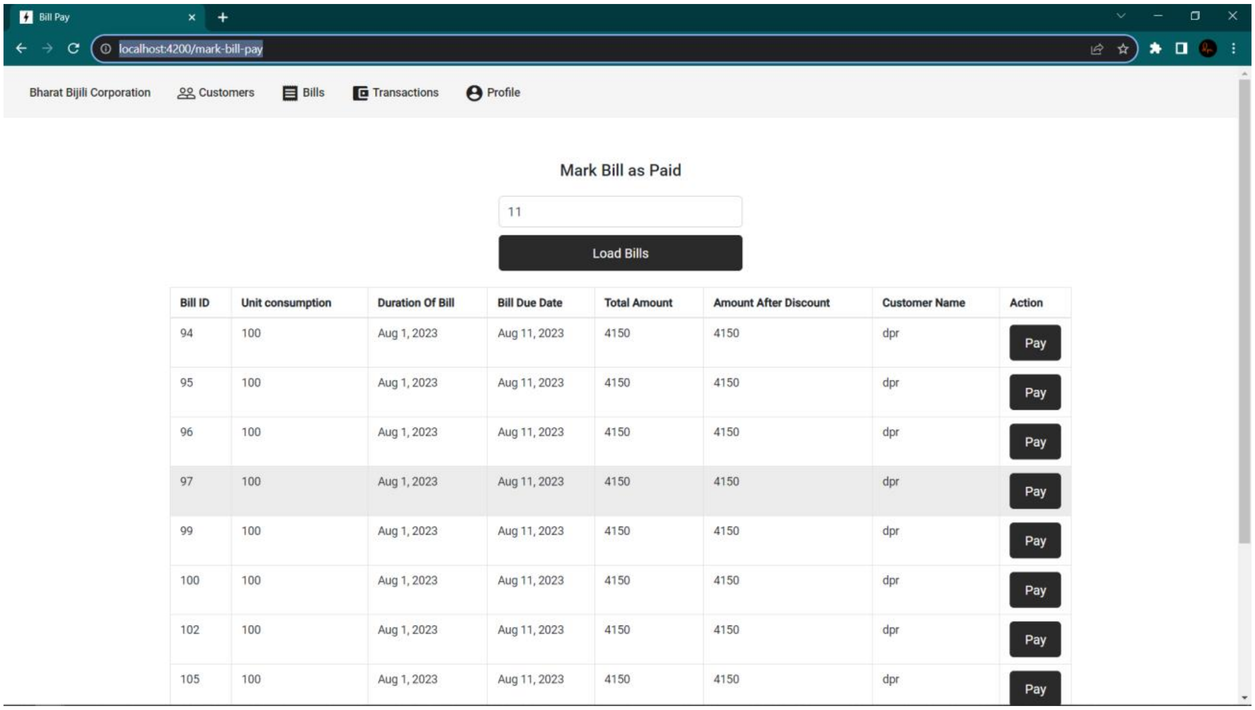
Users can add multiple bills at once by uploading a CSV file unitConsumption, durationOfBill, billDueDate, customerId. Invalid records will skipped.

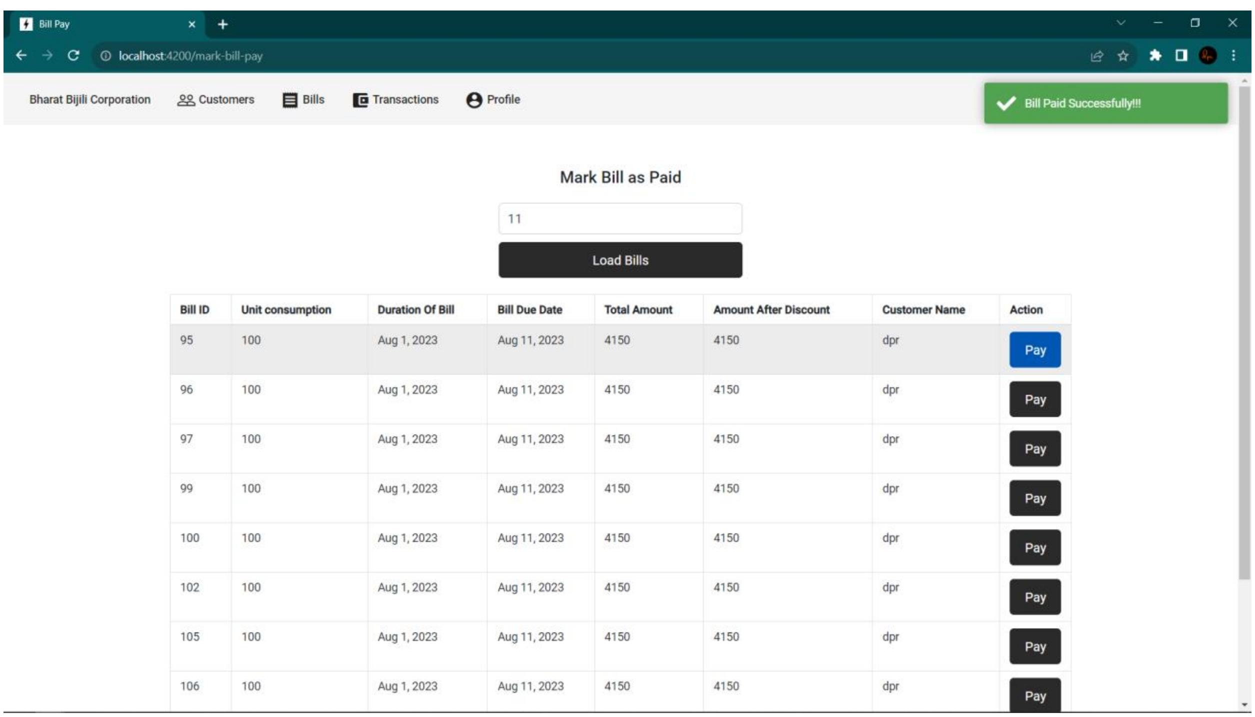




8. **Mark bill paid by Cash**

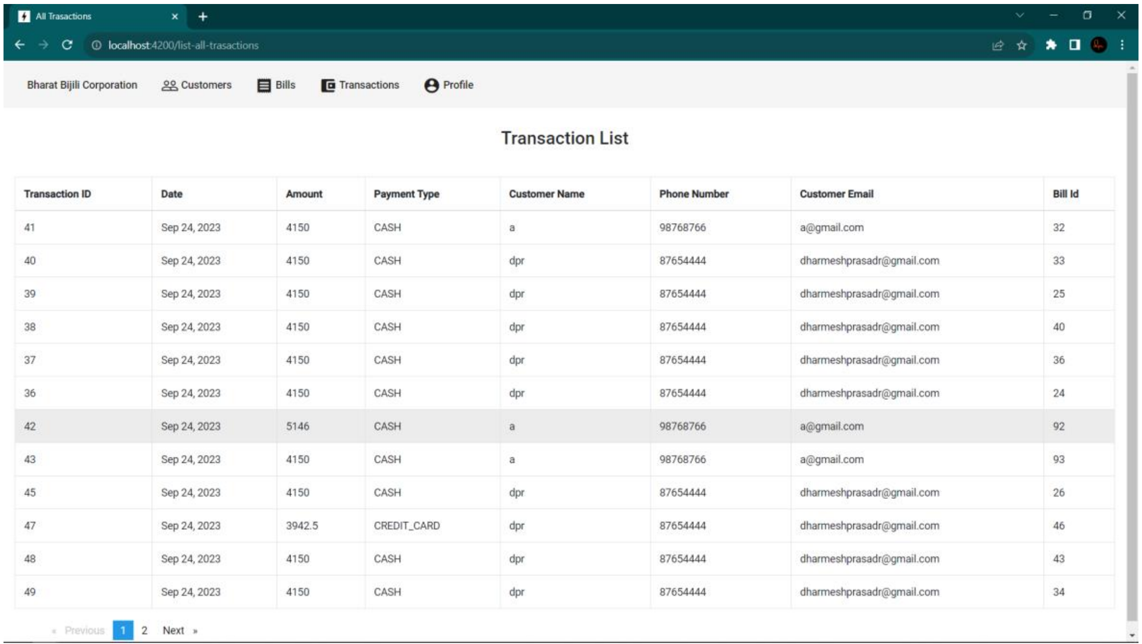
   Users can mark a bill as paid using the cash payment method if the customer prefers to pay with cash.





9. List all transactions

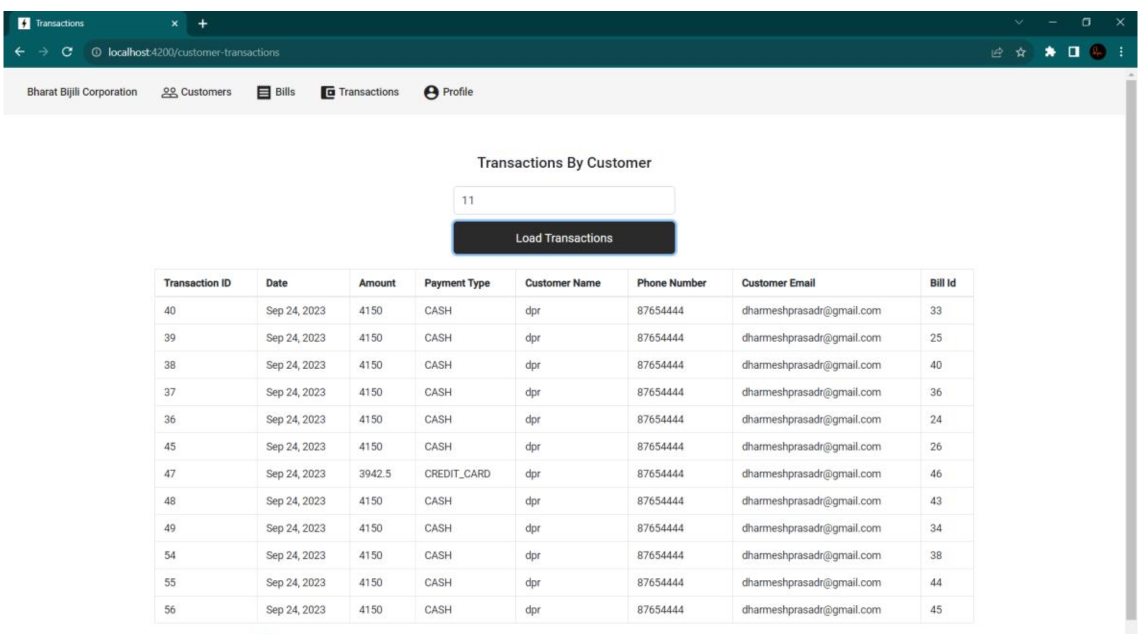
Users can view a list of all transactions, which includes bill details, payment methods, and customer information.



Transaction ID	Date	Amount	Payment Type	Customer Name	Phone Number	Customer Email	Bill Id
41	Sep 24, 2023	4150	CASH	a	98768766	a@gmail.com	32
40	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	33
39	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	25
38	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	40
37	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	36
36	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	24
42	Sep 24, 2023	5146	CASH	a	98768766	a@gmail.com	92
43	Sep 24, 2023	4150	CASH	a	98768766	a@gmail.com	93
45	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	26
47	Sep 24, 2023	3942.5	CREDIT_CARD	dpr	87654444	dharmeshprasadr@gmail.com	46
48	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	43
49	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	34

10. View Transactions by Customer ID

Users can filter and view a list of transactions specific to a particular customer by entering the customer's ID.



Transaction ID	Date	Amount	Payment Type	Customer Name	Phone Number	Customer Email	Bill Id
40	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	33
39	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	25
38	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	40
37	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	36
36	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	24
45	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	26
47	Sep 24, 2023	3942.5	CREDIT_CARD	dpr	87654444	dharmeshprasadr@gmail.com	46
48	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	43
49	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	34
54	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	38
55	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	44
56	Sep 24, 2023	4150	CASH	dpr	87654444	dharmeshprasadr@gmail.com	45

11. User Profile

Users can access and view their own profile details, including employee ID, name, email address, and phone number.