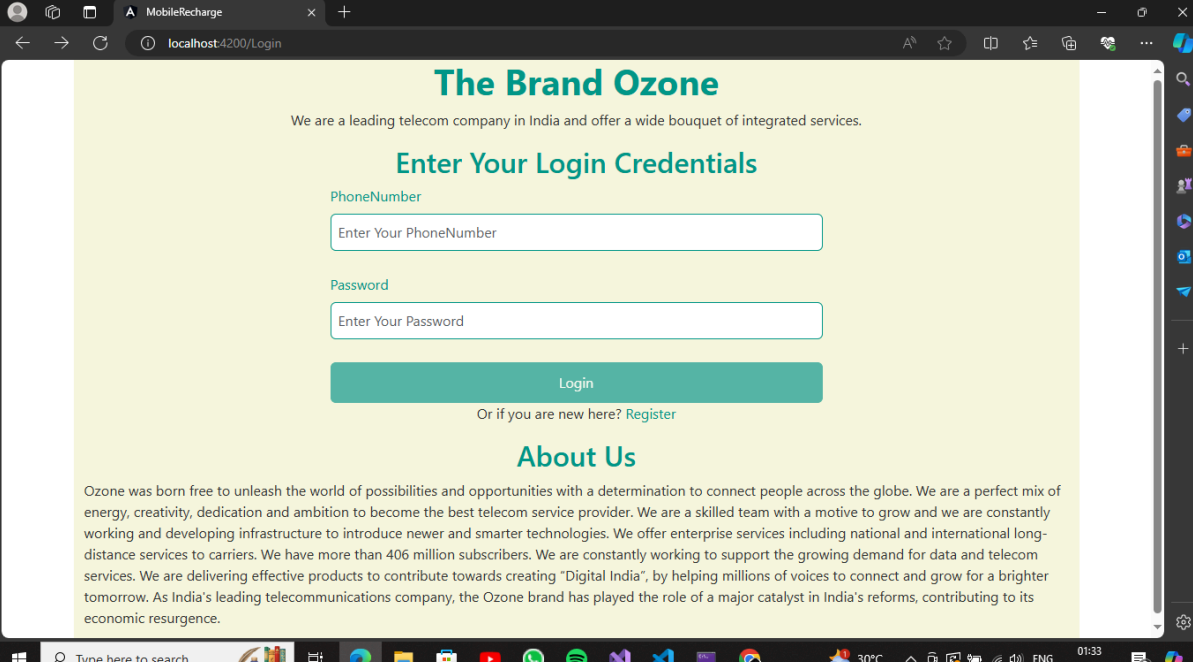


Case Study - Mobile Recharge

Student Name - Kanojesh.T (Panimalar Institute of Technology)

This is How the Login Page looks



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Login'. The page has a light yellow background and a teal header with the text 'The Brand Ozone'. Below the header, there is a sub-header 'Enter Your Login Credentials'. The form includes two input fields: 'PhoneNumber' with the placeholder 'Enter Your PhoneNumber' and 'Password' with the placeholder 'Enter Your Password'. A teal 'Login' button is positioned below the password field. A link 'Or if you are new here? Register' is located below the login button. At the bottom of the form, there is a section titled 'About Us' with a paragraph of text describing the company's mission and services. The browser's taskbar at the bottom shows various application icons and system information like '30°C' and '14-06-2024'.

The Brand Ozone

We are a leading telecom company in India and offer a wide bouquet of integrated services.

Enter Your Login Credentials

PhoneNumber

Password

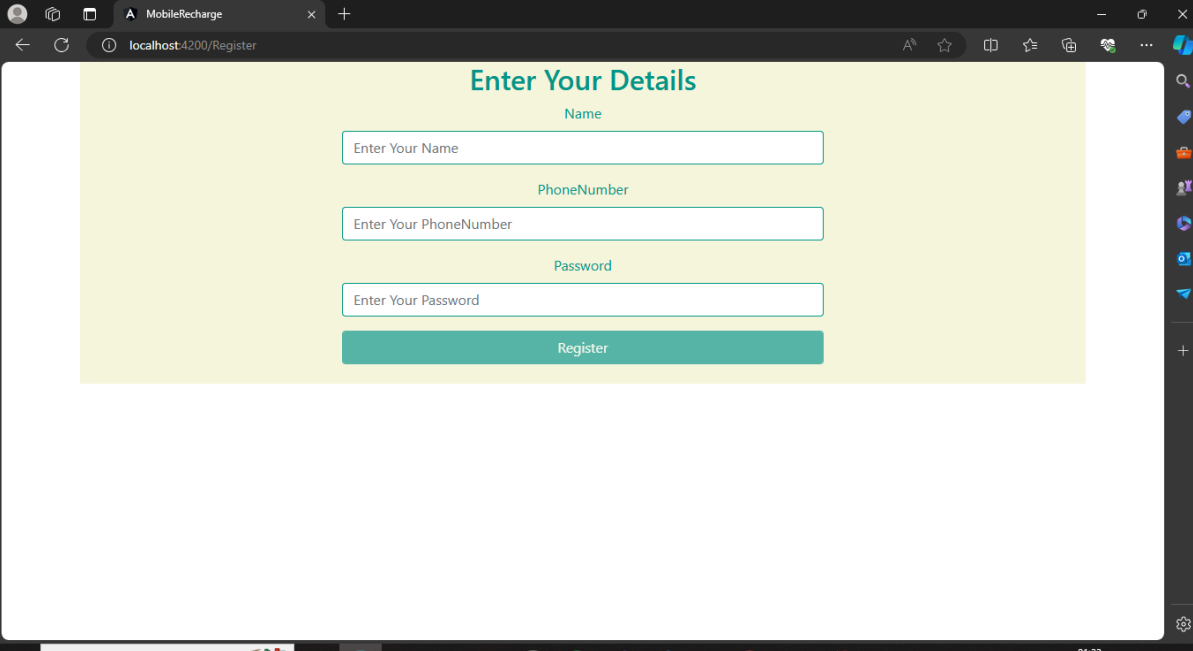
Login

Or if you are new here? [Register](#)

About Us

Ozone was born free to unleash the world of possibilities and opportunities with a determination to connect people across the globe. We are a perfect mix of energy, creativity, dedication and ambition to become the best telecom service provider. We are a skilled team with a motive to grow and we are constantly working and developing infrastructure to introduce newer and smarter technologies. We offer enterprise services including national and international long-distance services to carriers. We have more than 406 million subscribers. We are constantly working to support the growing demand for data and telecom services. We are delivering effective products to contribute towards creating "Digital India", by helping millions of voices to connect and grow for a brighter tomorrow. As India's leading telecommunications company, the Ozone brand has played the role of a major catalyst in India's reforms, contributing to its economic resurgence.

After Clicking on Register



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Register'. The page has a light yellow background and a teal header with the text 'Enter Your Details'. The form includes three input fields: 'Name' with the placeholder 'Enter Your Name', 'PhoneNumber' with the placeholder 'Enter Your PhoneNumber', and 'Password' with the placeholder 'Enter Your Password'. A teal 'Register' button is positioned below the password field. The browser's taskbar at the bottom shows various application icons and system information like '30°C' and '14-06-2024'.

Enter Your Details

Name

PhoneNumber

Password

Register

Required Validations

The screenshot shows a web browser window with the address bar displaying "localhost:4200/Register". The page title is "MobileRecharge". The main content area has a yellow background and is titled "Enter Your Details". It contains three input fields: "Name", "PhoneNumber", and "Password". Each field has a placeholder text "Enter Your [Field Name]". Below each input field is a red error message: "Name is required", "Phone Number is required", and "Password is required". At the bottom of the form is a green "Register" button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 01:33 on 14-06-2024.

Enter Your Details

Name

Enter Your Name

Name is required

PhoneNumber

Enter Your PhoneNumber

Phone Number is required

Password

Enter Your Password

Password is required

Register

Other Validations

The screenshot shows the same web browser window as the previous one, but with different data entered in the form fields. The "Name" field now contains "Kanojesh13", and the error message below it is "Name must contain only letters and spaces". The "PhoneNumber" field now contains "1", and the error message below it is "Phone Number must be exactly 10 digits". The "Password" field now contains a single dot ".", and the error message below it is "Password must be at least 4 characters long". The "Register" button remains at the bottom. The browser's taskbar at the bottom shows the same application icons and system clock.

Enter Your Details

Name

Kanojesh13

Name must contain only letters and spaces

PhoneNumber

1

Phone Number must be exactly 10 digits

Password

.

Password must be at least 4 characters long

Register

Valid Details to Register

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Register'. The page has a light yellow background and a dark teal header. The main content area is titled 'Enter Your Details' in a bold, dark teal font. Below the title, there are three input fields: 'Name' with the value 'Kanojesh', 'PhoneNumber' with the value '1111111111', and 'Password' with masked characters '....'. Each field has its label above it. Below the input fields is a dark teal button labeled 'Register'. The browser's taskbar at the bottom shows various application icons, a search bar, and system information including the date '14-06-2024' and time '01:34'.

MobileRecharge

localhost:4200/Register

Enter Your Details

Name

Kanojesh

PhoneNumber

1111111111

Password

....

Register

Required Validations in Login

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Login'. The page has a light yellow background and a dark teal header. The main content area is titled 'The Brand Ozone' in a bold, dark teal font. Below the title, there is a subtitle 'We are a leading telecom company in India and offer a wide bouquet of integrated services.' followed by the heading 'Enter Your Login Credentials' in a bold, dark teal font. There are two input fields: 'PhoneNumber' with the placeholder 'Enter Your PhoneNumber' and 'Password' with the placeholder 'Enter Your Password'. Below each field is a red error message: 'Phone Number is required' and 'Password is required'. Below the input fields is a dark teal button labeled 'Login'. Below the button is a link 'Or if you are new here? Register'. At the bottom of the main content area is the heading 'About Us' in a bold, dark teal font, followed by a paragraph of text. The browser's taskbar at the bottom shows various application icons, a search bar, and system information including the date '14-06-2024' and time '01:34'.

MobileRecharge

localhost:4200/Login

The Brand Ozone

We are a leading telecom company in India and offer a wide bouquet of integrated services.

Enter Your Login Credentials

PhoneNumber

Enter Your PhoneNumber

Phone Number is required

Password

Enter Your Password

Password is required

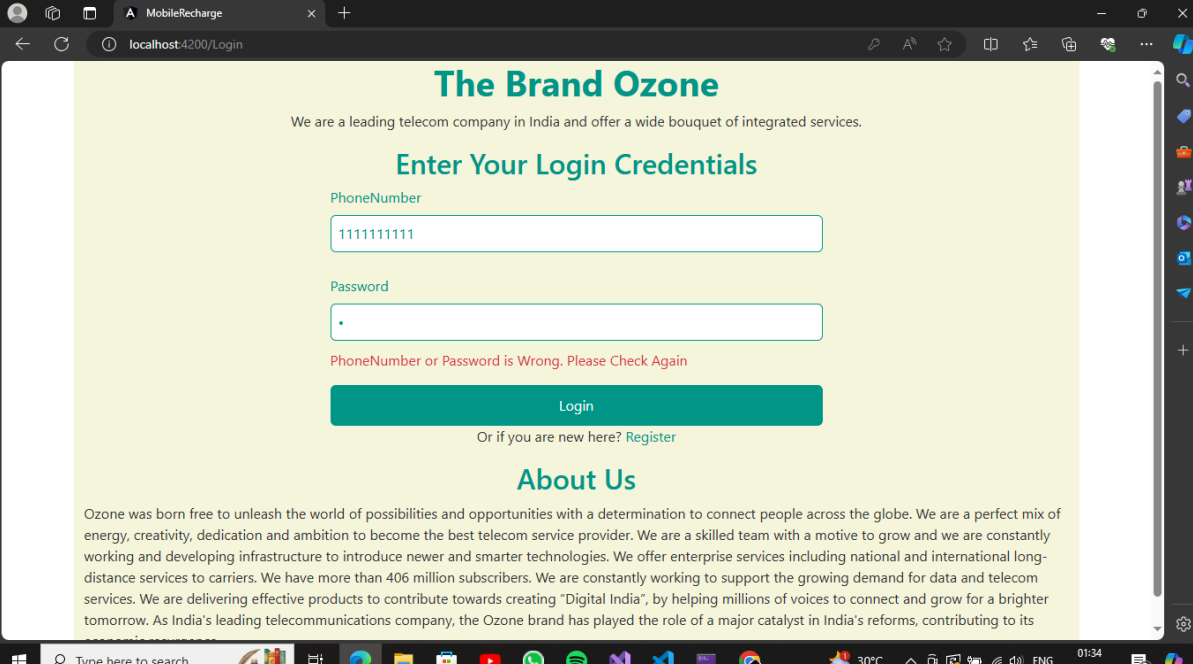
Login

Or if you are new here? [Register](#)

About Us

Ozone was born free to unleash the world of possibilities and opportunities with a determination to connect people across the globe. We are a perfect mix of energy, creativity, dedication and ambition to become the best telecom service provider. We are a skilled team with a motive to grow and we are constantly working and developing infrastructure to introduce newer and smarter technologies. We offer enterprise services including national and international long-distance services to carriers. We have more than 406 million subscribers. We are constantly working to support the growing demand for data and telecom services. We are delivering effective products to contribute towards creating "Digital India", by helping millions of voices to connect and grow for a brighter future.

Other Validations



The screenshot shows a web browser window with the URL `localhost:4200/Login`. The page is titled "The Brand Ozone" and describes the company as a leading telecom provider in India. It features a login form with two input fields: "PhoneNumber" and "Password". The "PhoneNumber" field contains the value "1111111111". The "Password" field contains a single dot, indicating an invalid password. Below the password field, a red error message states: "PhoneNumber or Password is Wrong. Please Check Again". A green "Login" button is positioned below the error message. Below the button, there is a link that says "Or if you are new here? Register". At the bottom of the page, there is an "About Us" section with a paragraph of text.

The Brand Ozone

We are a leading telecom company in India and offer a wide bouquet of integrated services.

Enter Your Login Credentials

PhoneNumber

Password

PhoneNumber or Password is Wrong. Please Check Again

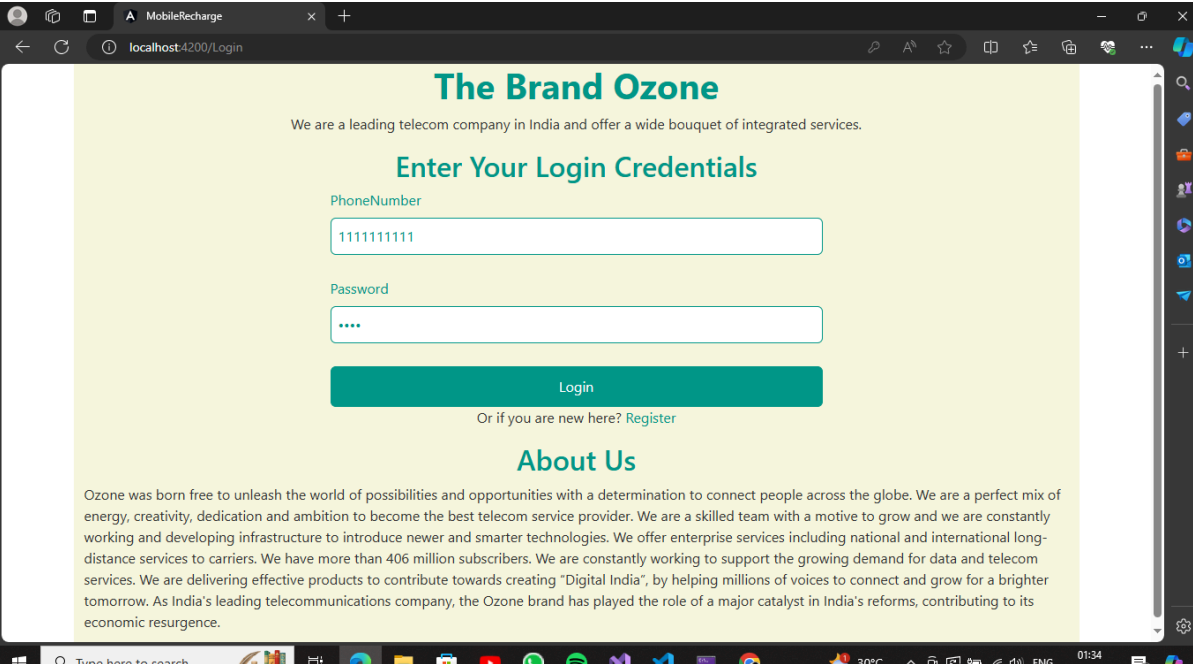
Login

Or if you are new here? [Register](#)

About Us

Ozone was born free to unleash the world of possibilities and opportunities with a determination to connect people across the globe. We are a perfect mix of energy, creativity, dedication and ambition to become the best telecom service provider. We are a skilled team with a motive to grow and we are constantly working and developing infrastructure to introduce newer and smarter technologies. We offer enterprise services including national and international long-distance services to carriers. We have more than 406 million subscribers. We are constantly working to support the growing demand for data and telecom services. We are delivering effective products to contribute towards creating "Digital India", by helping millions of voices to connect and grow for a brighter tomorrow. As India's leading telecommunications company, the Ozone brand has played the role of a major catalyst in India's reforms, contributing to its

Valid Details to Login



The screenshot shows the same web browser window and login page as the previous one. The "PhoneNumber" field still contains "1111111111". The "Password" field now contains four dots, indicating a valid password. The red error message is no longer present. The green "Login" button remains visible. The "About Us" section at the bottom of the page is also visible.

The Brand Ozone

We are a leading telecom company in India and offer a wide bouquet of integrated services.

Enter Your Login Credentials

PhoneNumber

Password

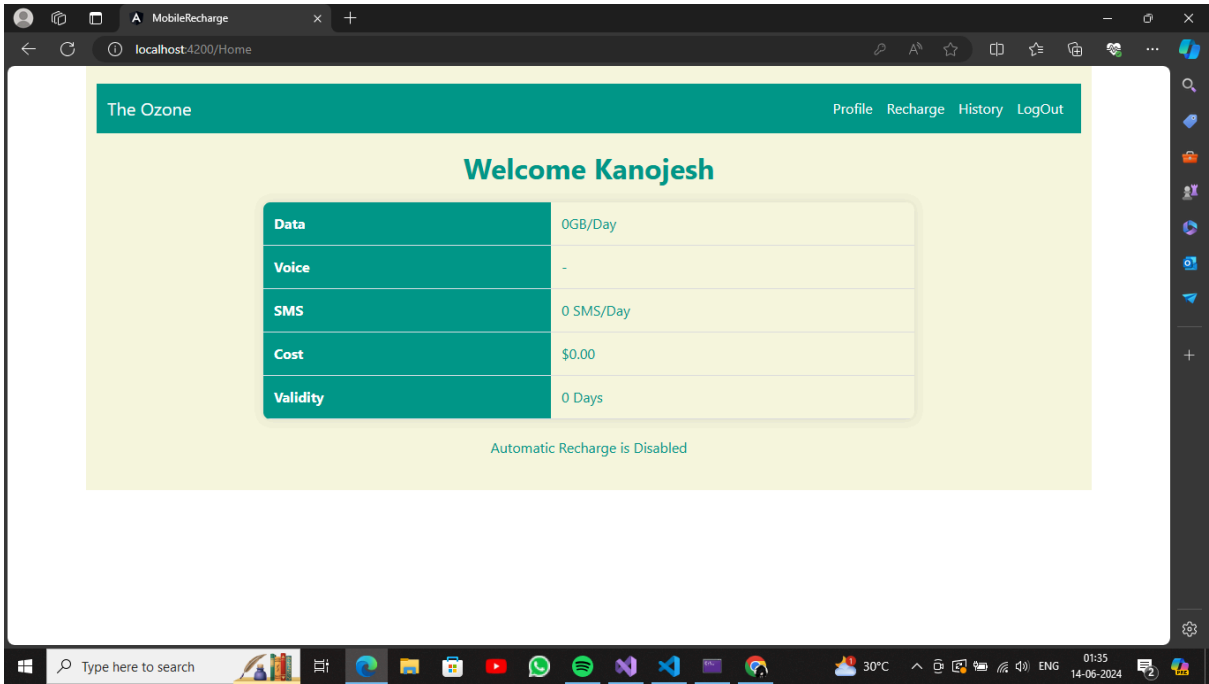
Login

Or if you are new here? [Register](#)

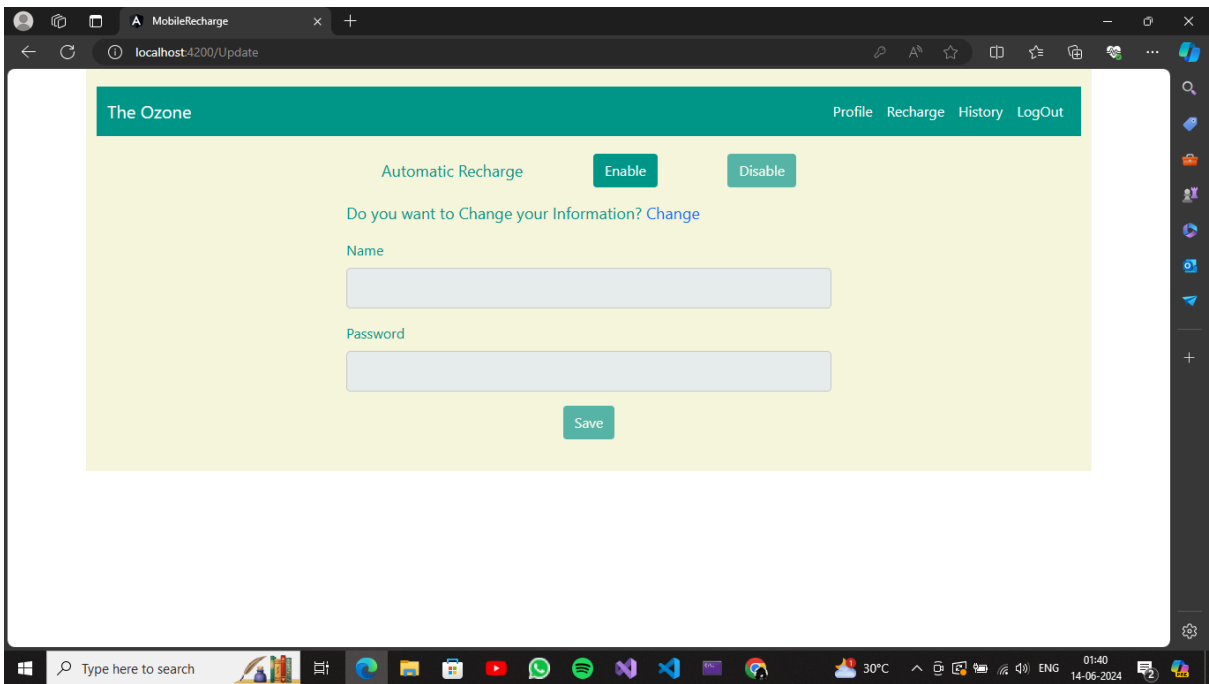
About Us

Ozone was born free to unleash the world of possibilities and opportunities with a determination to connect people across the globe. We are a perfect mix of energy, creativity, dedication and ambition to become the best telecom service provider. We are a skilled team with a motive to grow and we are constantly working and developing infrastructure to introduce newer and smarter technologies. We offer enterprise services including national and international long-distance services to carriers. We have more than 406 million subscribers. We are constantly working to support the growing demand for data and telecom services. We are delivering effective products to contribute towards creating "Digital India", by helping millions of voices to connect and grow for a brighter tomorrow. As India's leading telecommunications company, the Ozone brand has played the role of a major catalyst in India's reforms, contributing to its economic resurgence.

Home Page or DashBoard



Profile Page - Click on Change to Change Customer Details



Required Validations

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Update'. The page has a teal header with the text 'The Ozone' and navigation links 'Profile', 'Recharge', 'History', and 'LogOut'. Below the header, there is a section for 'Automatic Recharge' with 'Enable' and 'Disable' buttons. A link 'Do you want to Change your Information? Change' is present. The 'Name' field is empty, and a red error message 'Name is required.' is displayed below it. The 'Password' field is also empty, with a red error message 'Password is required.' below it. A 'Save' button is at the bottom of the form.

The Ozone Profile Recharge History LogOut

Automatic Recharge Enable Disable

Do you want to Change your Information? [Change](#)

Name

Name is required.

Password

Password is required.

Save

Other Validations

The screenshot shows the same web application as the previous one, but with different data and error messages. The 'Name' field now contains 'Pandian13', and a red error message 'Name should not contain numbers or special characters.' is displayed below it. The 'Password' field contains a single dot '.', and a red error message 'Password should be at least 4 characters long.' is displayed below it. The 'Save' button remains at the bottom.

The Ozone Profile Recharge History LogOut

Automatic Recharge Enable Disable

Do you want to Change your Information? [Change](#)

Name

Pandian13

Name should not contain numbers or special characters.

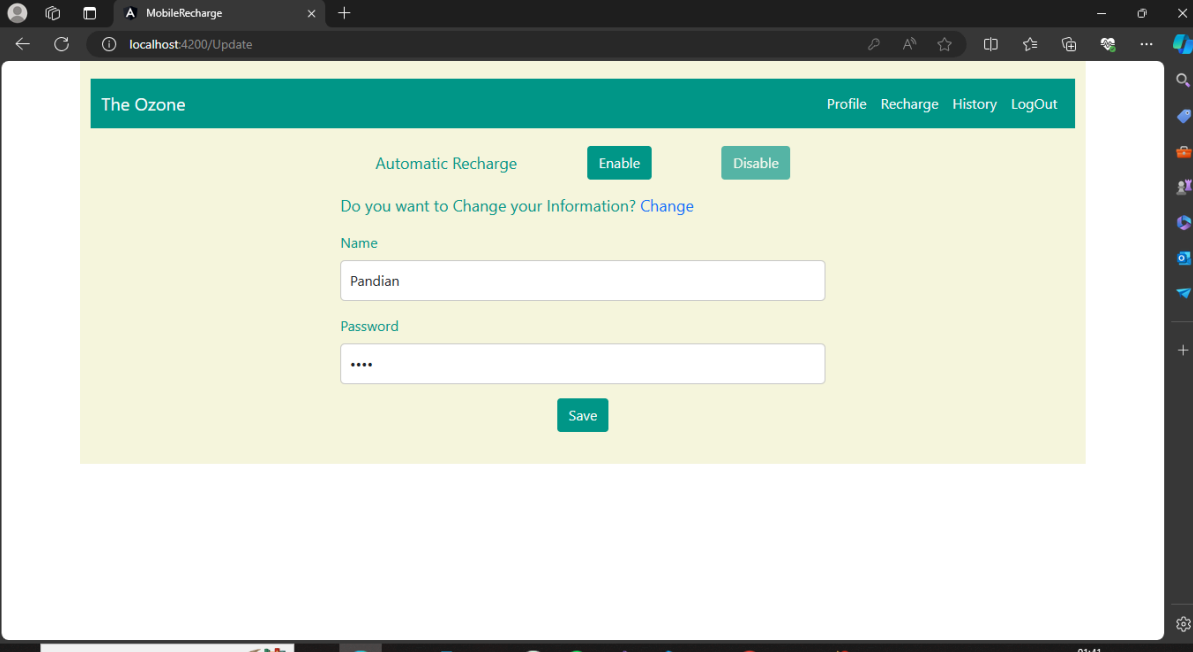
Password

.

Password should be at least 4 characters long.

Save

Valid Details to Change Profile



The Ozone Profile Recharge History LogOut

Automatic Recharge

Do you want to Change your Information? [Change](#)

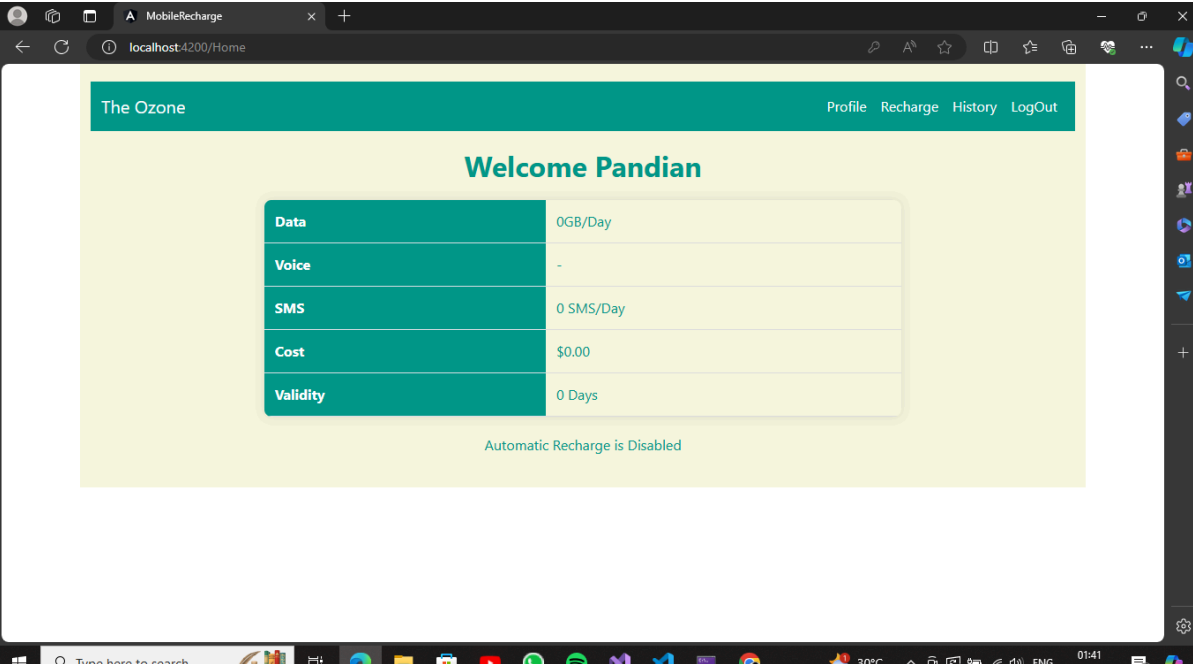
Name

Pandian

Password

....

Changes in Home Page for changing Profile



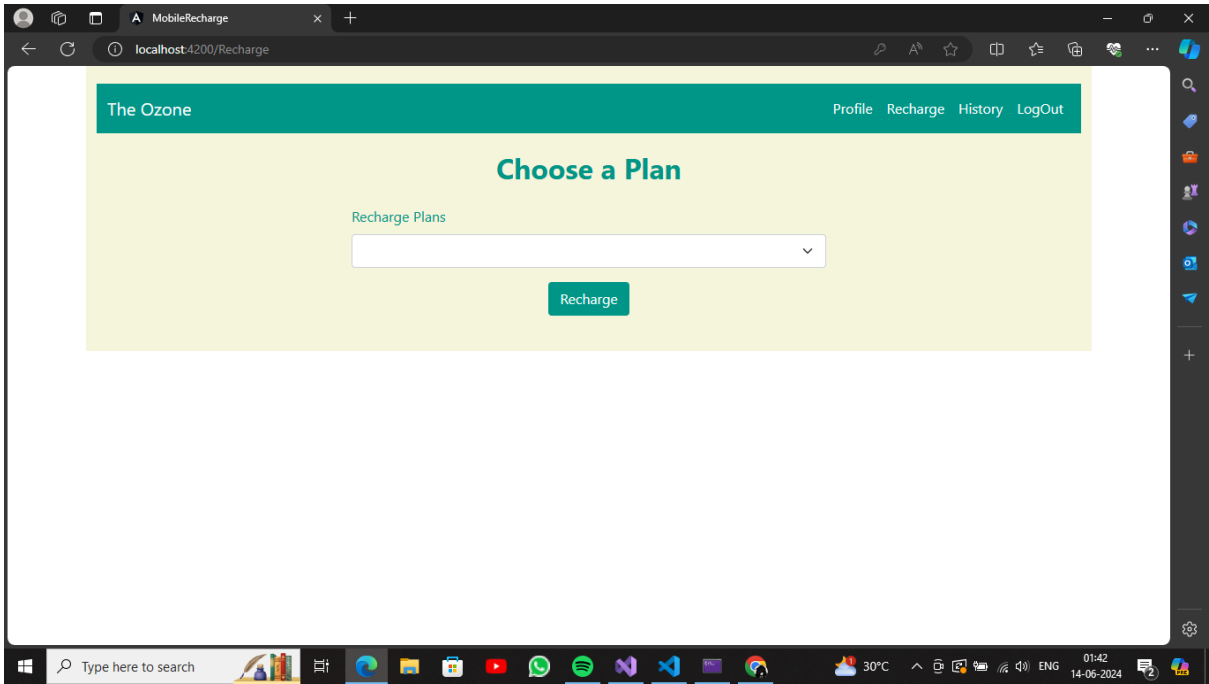
The Ozone Profile Recharge History LogOut

Welcome Pandian

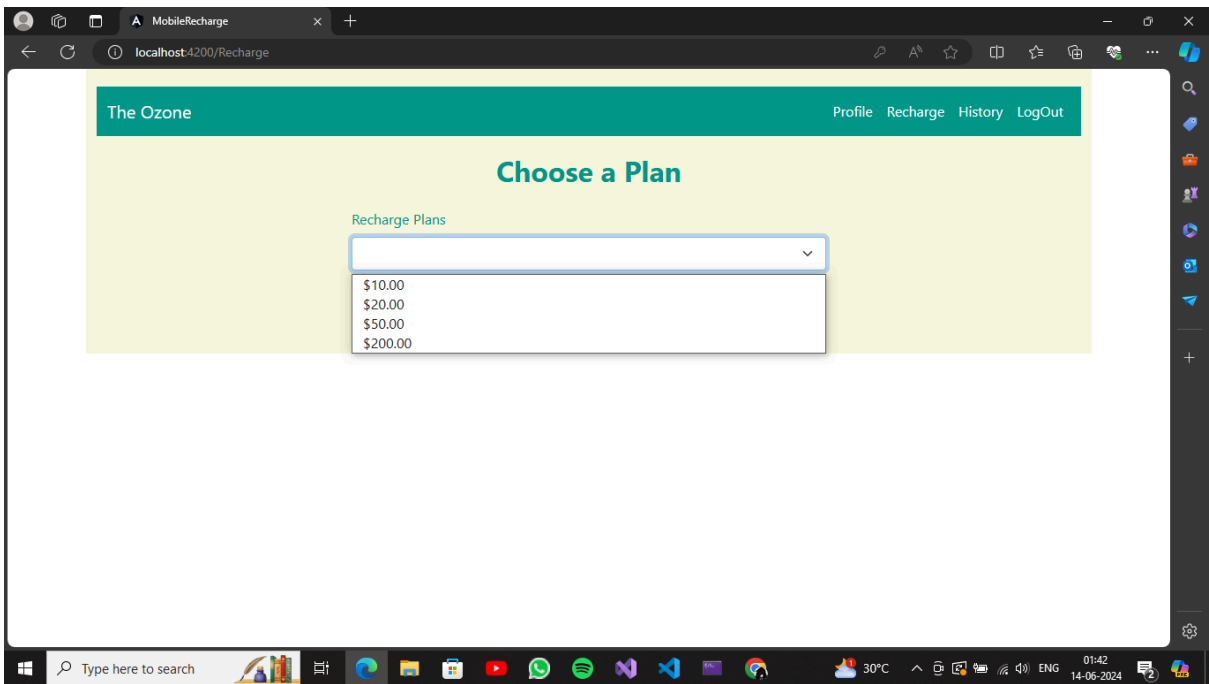
Data	0GB/Day
Voice	-
SMS	0 SMS/Day
Cost	\$0.00
Validity	0 Days

Automatic Recharge is Disabled

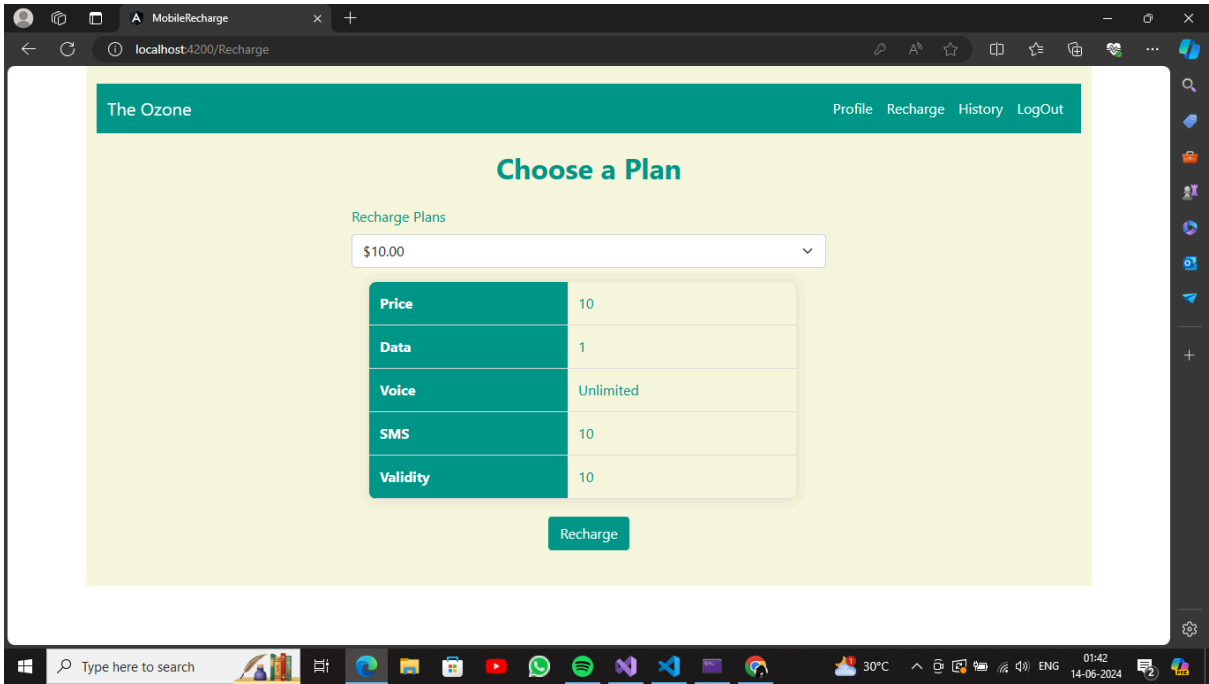
Recharge Page



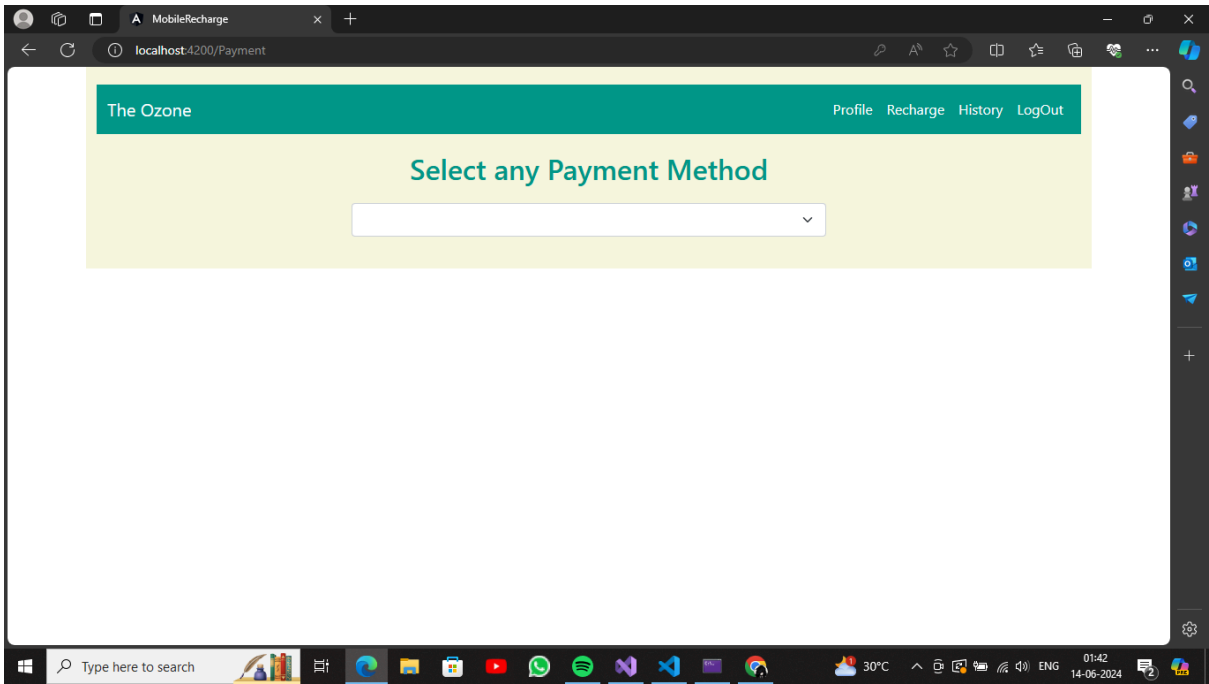
Recharge Options



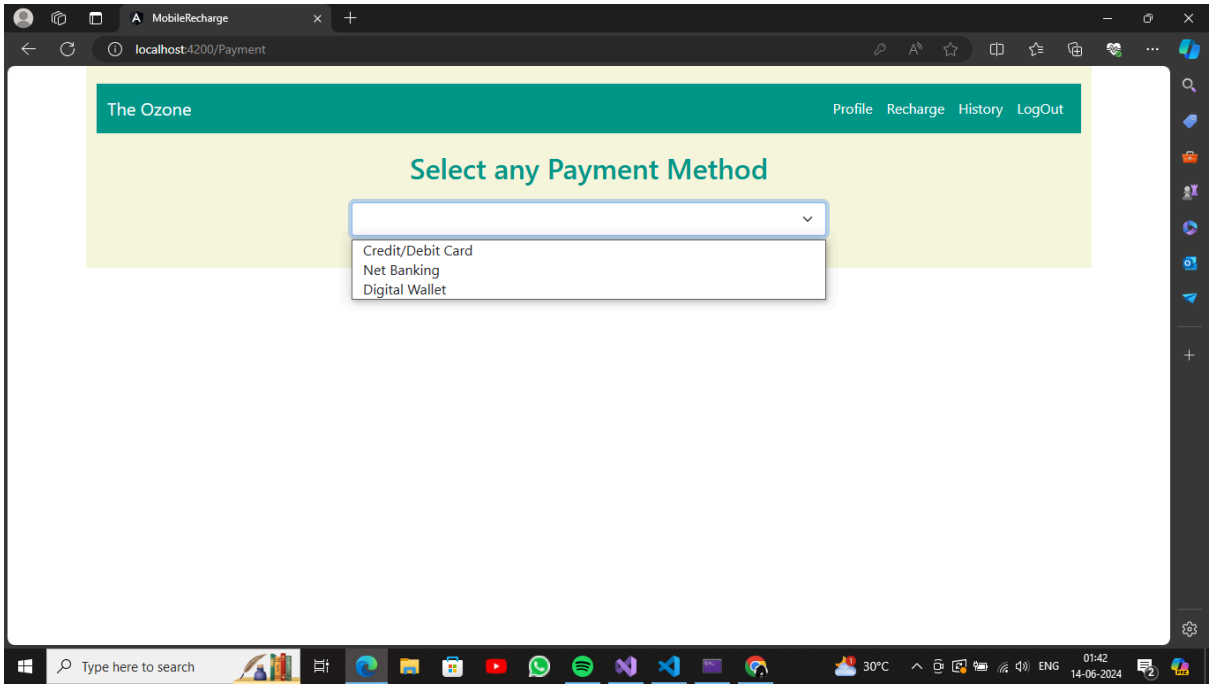
View the Details of Option Chosen



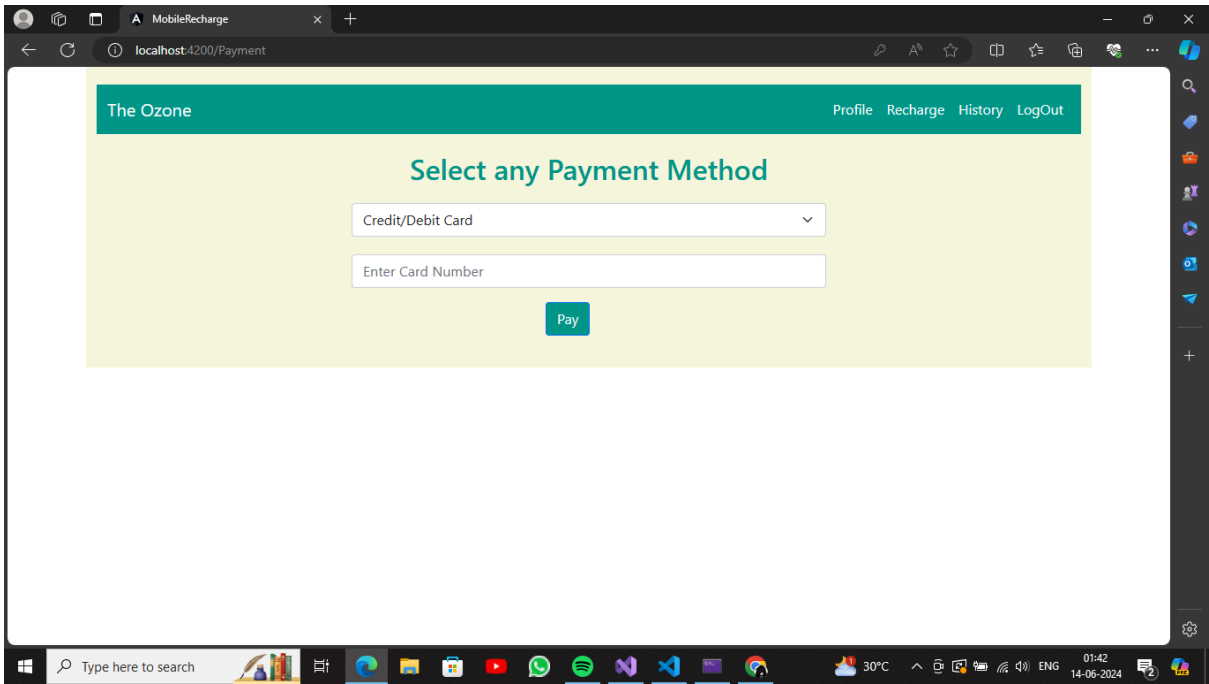
Payment Page



Payment Methods



Credit/Debit Card Method



Net Banking Method

The screenshot shows a web browser window with the address bar displaying 'localhost:4200/Payment'. The page has a teal header with 'The Ozone' on the left and 'Profile Recharge History LogOut' on the right. The main content area has a light yellow background and is titled 'Select any Payment Method'. It contains a dropdown menu with 'Net Banking' selected, followed by two input fields labeled 'Enter Account Number' and 'Enter your PIN'. A teal 'Pay' button is at the bottom. The Windows taskbar at the bottom shows the time as 01:42 on 14-06-2024.

The Ozone Profile Recharge History LogOut

Select any Payment Method

Net Banking

Enter Account Number

Enter your PIN

Pay

Digital Wallet Method

This screenshot is similar to the one above, showing the same web browser window. However, the dropdown menu now has 'Digital Wallet' selected. The input fields are now labeled 'Enter UPI Number' and 'Enter your PIN'. The 'Pay' button remains at the bottom. The browser's address bar and the Windows taskbar are identical to the previous screenshot.

The Ozone Profile Recharge History LogOut

Select any Payment Method

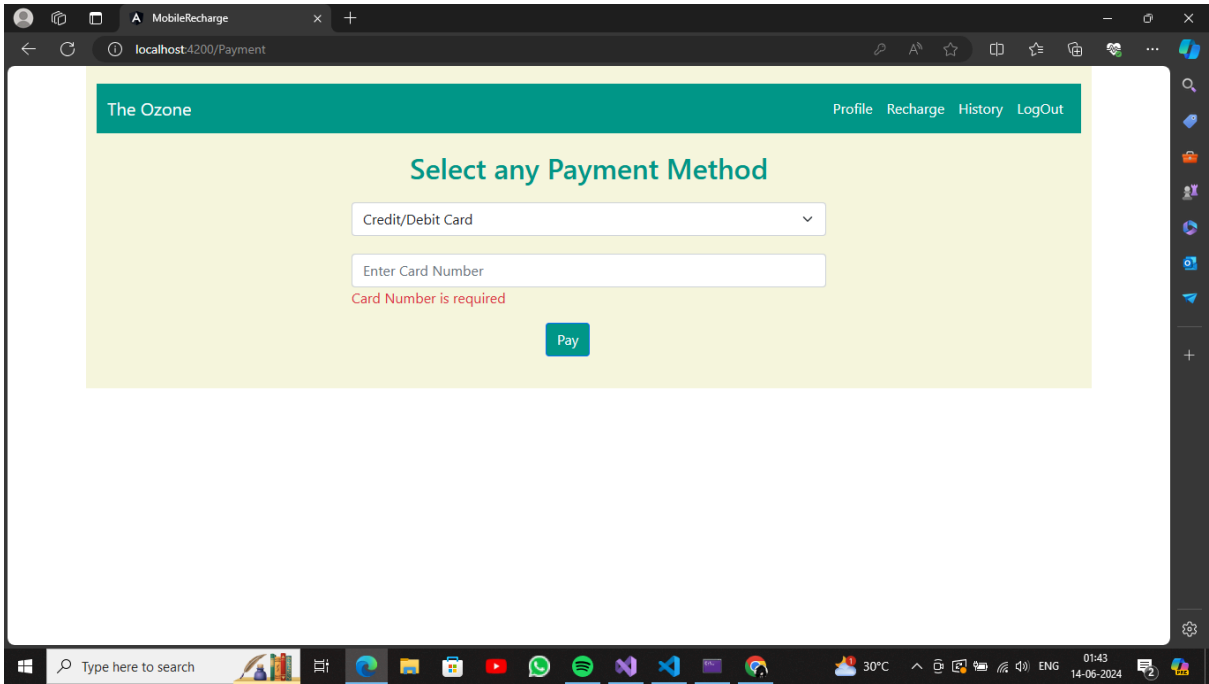
Digital Wallet

Enter UPI Number

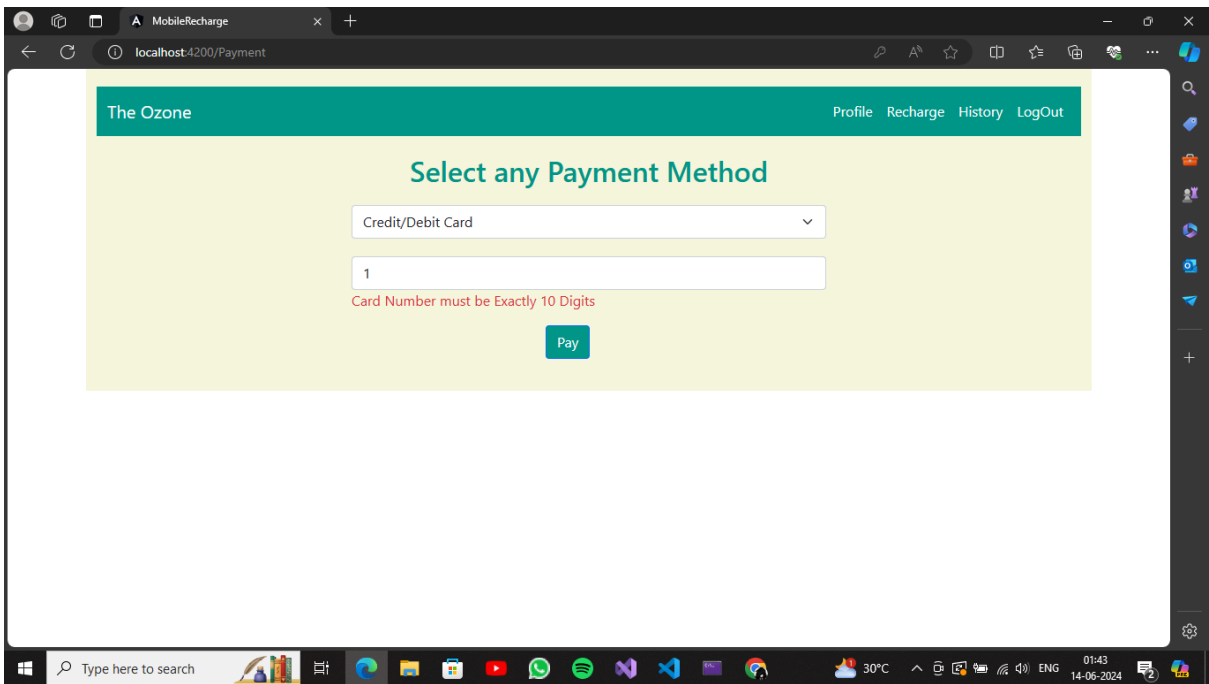
Enter your PIN

Pay

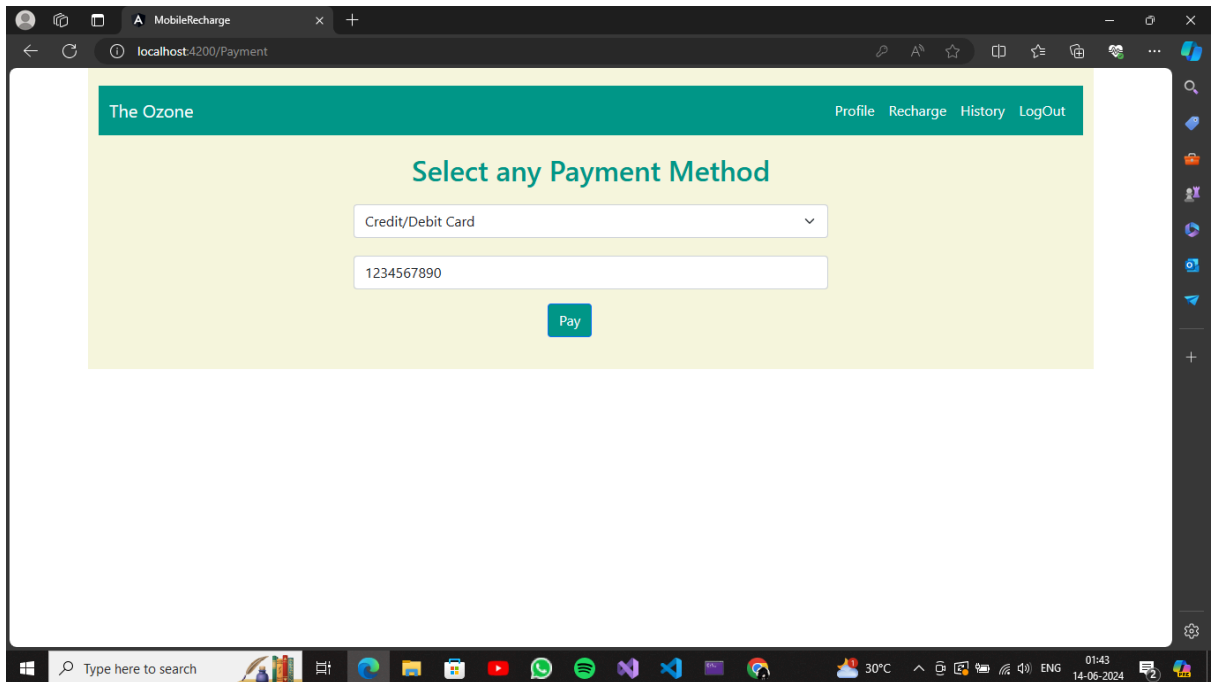
Required Validations in Credit/Debit Card Method



Other Validations

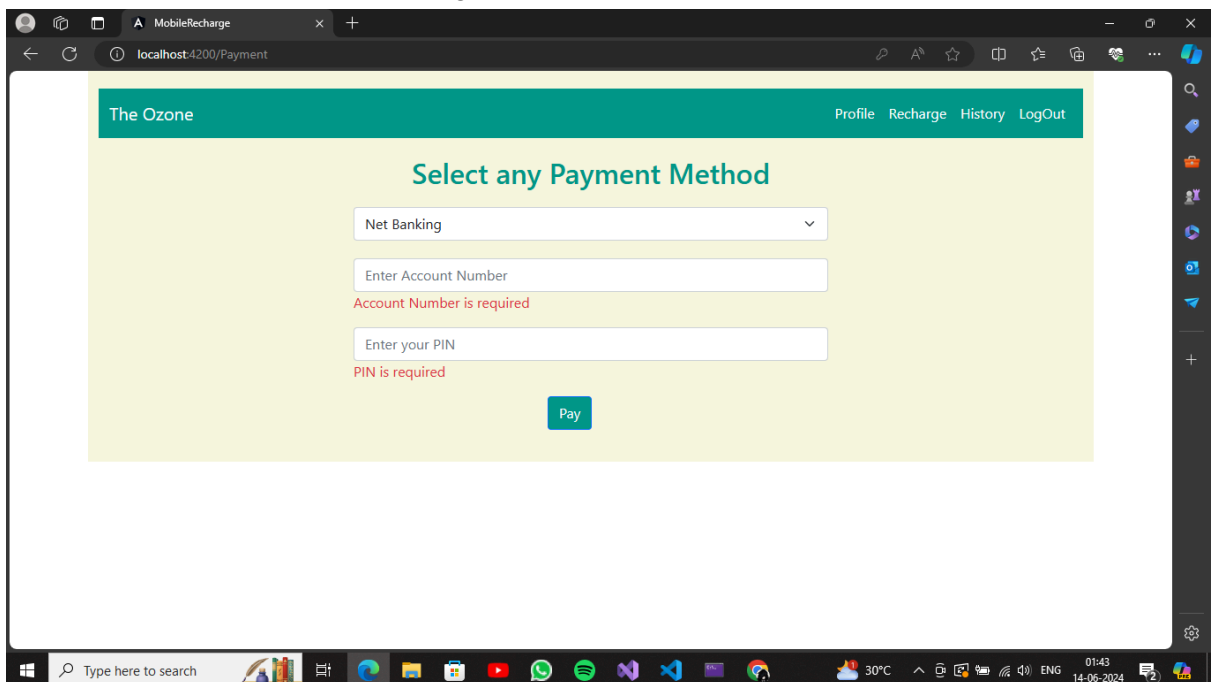


Valid Details for Credit/Debit Card Method



The screenshot shows a web browser window with the URL `localhost:4200/Payment`. The page header is "The Ozone" with links for "Profile", "Recharge", "History", and "LogOut". The main heading is "Select any Payment Method". Below this, there is a dropdown menu set to "Credit/Debit Card" and a text input field containing the card number "1234567890". A "Pay" button is located below the input field. The browser's taskbar at the bottom shows various application icons and system information like "30°C" and "14-06-2024".

Required Validations in Net Banking Method



The screenshot shows the same web browser window as the previous one, but with the dropdown menu set to "Net Banking". Below the dropdown, there are two text input fields: "Enter Account Number" and "Enter your PIN". Below the "Enter Account Number" field, there is a red validation message: "Account Number is required". Below the "Enter your PIN" field, there is a red validation message: "PIN is required". A "Pay" button is located below the input fields. The browser's taskbar at the bottom shows various application icons and system information like "30°C" and "14-06-2024".

Other Validations

The Ozone

ProfileRechargeHistoryLogOut

Select any Payment Method

Net Banking

P

Account Number must start with 4 capital letters followed by 4 numbers

1

PIN must be Exactly 4 Digits

Pay

Valid Details for Net Banking Method

The Ozone

ProfileRechargeHistoryLogOut

Select any Payment Method

Net Banking

PUNB1234

1234

Pay

Required Validation for Digital Wallet Method

The Ozone

ProfileRechargeHistoryLogOut

Select any Payment Method

Digital Wallet

Enter UPI Number

UPI Number is required

Enter your PIN

PIN is required

Pay

Other Validations

The Ozone

ProfileRechargeHistoryLogOut

Select any Payment Method

Digital Wallet

U

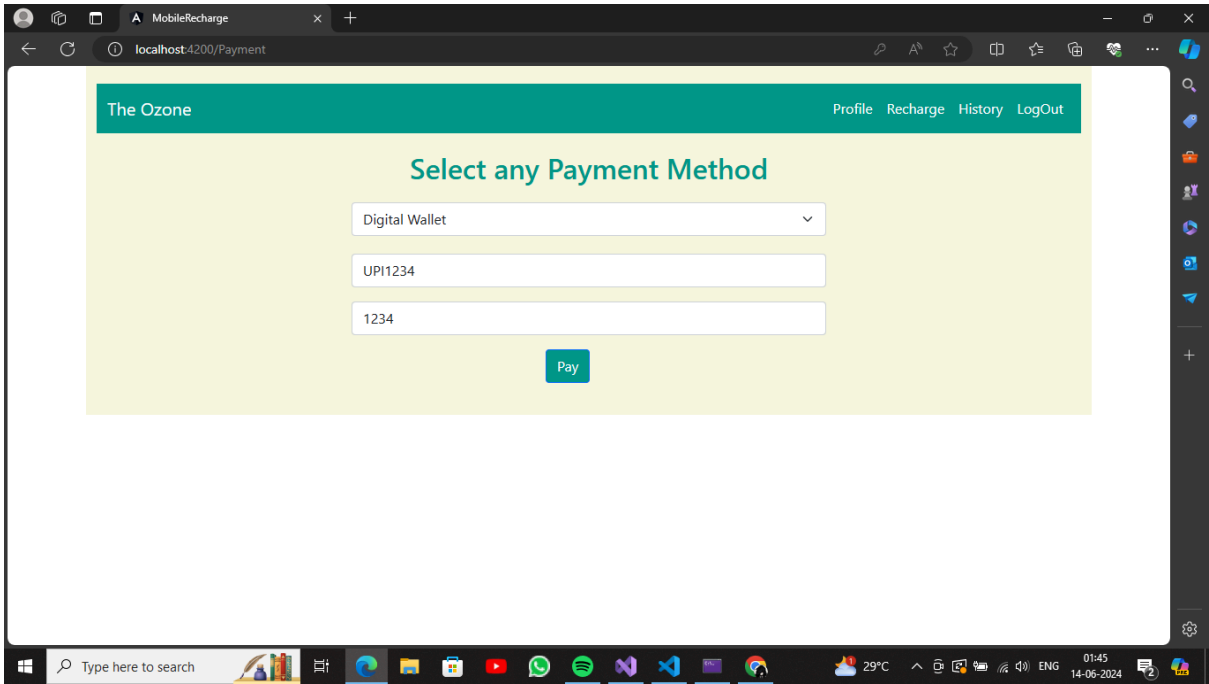
UPI Number must start with "UPI" followed by 4 digits

1

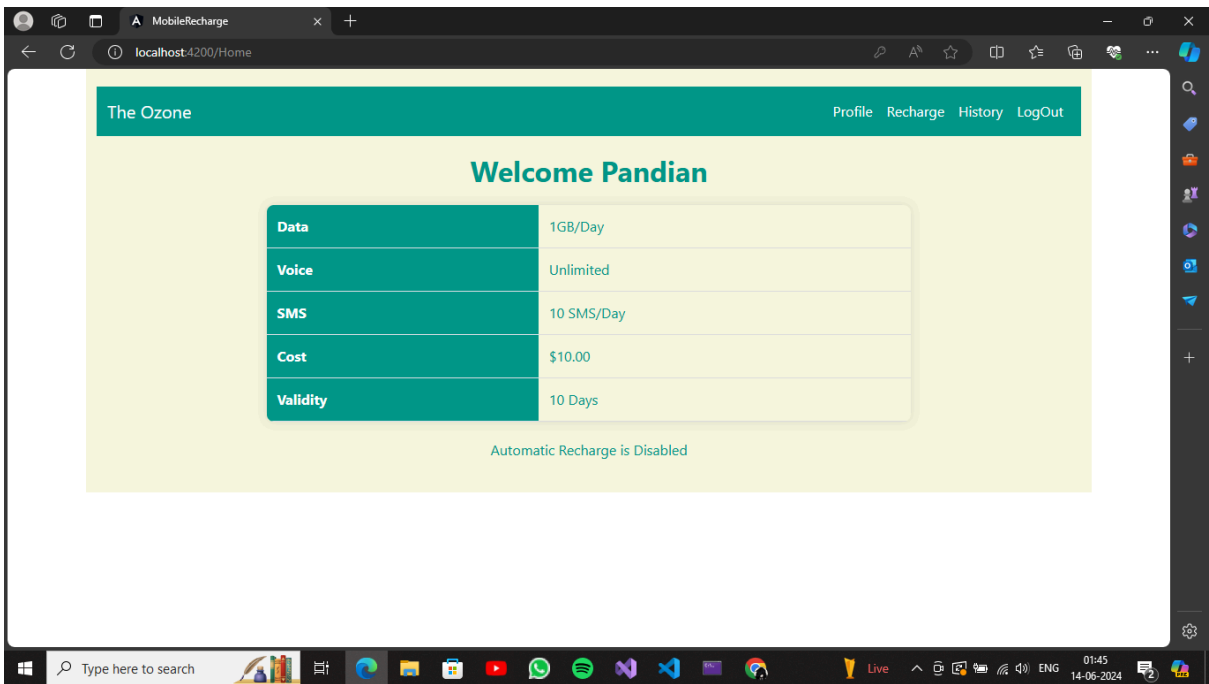
PIN must be Exactly 4 Digits

Pay

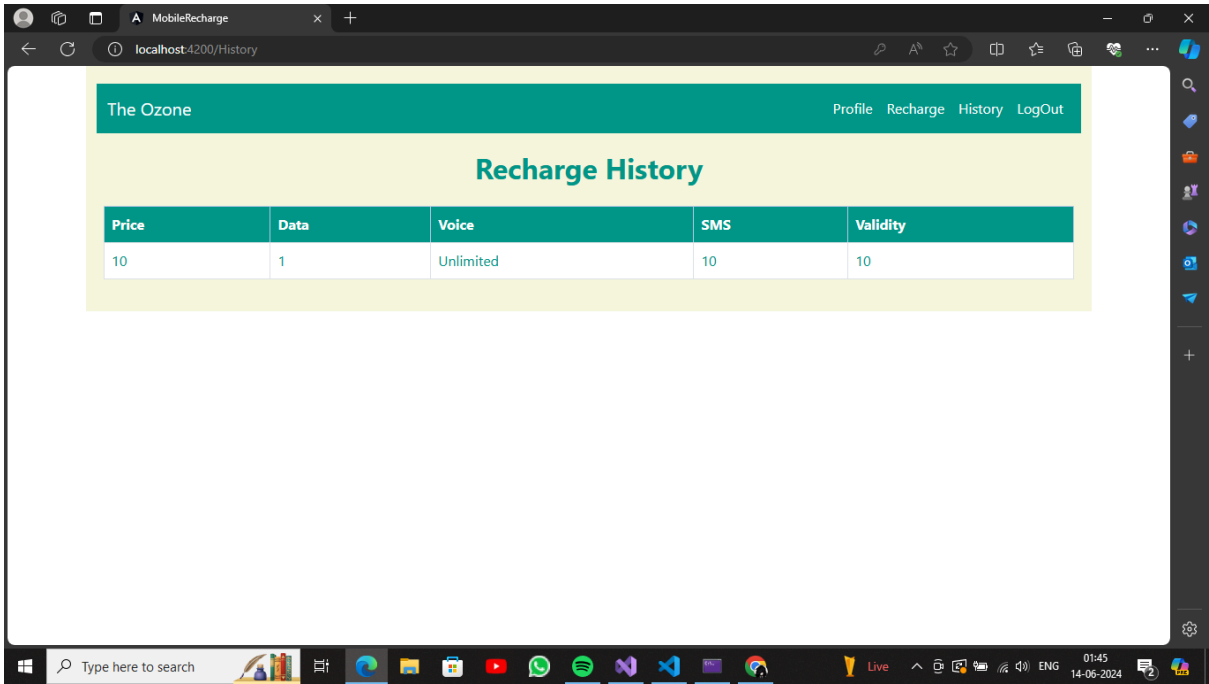
Valid Details for Digital Wallet Method



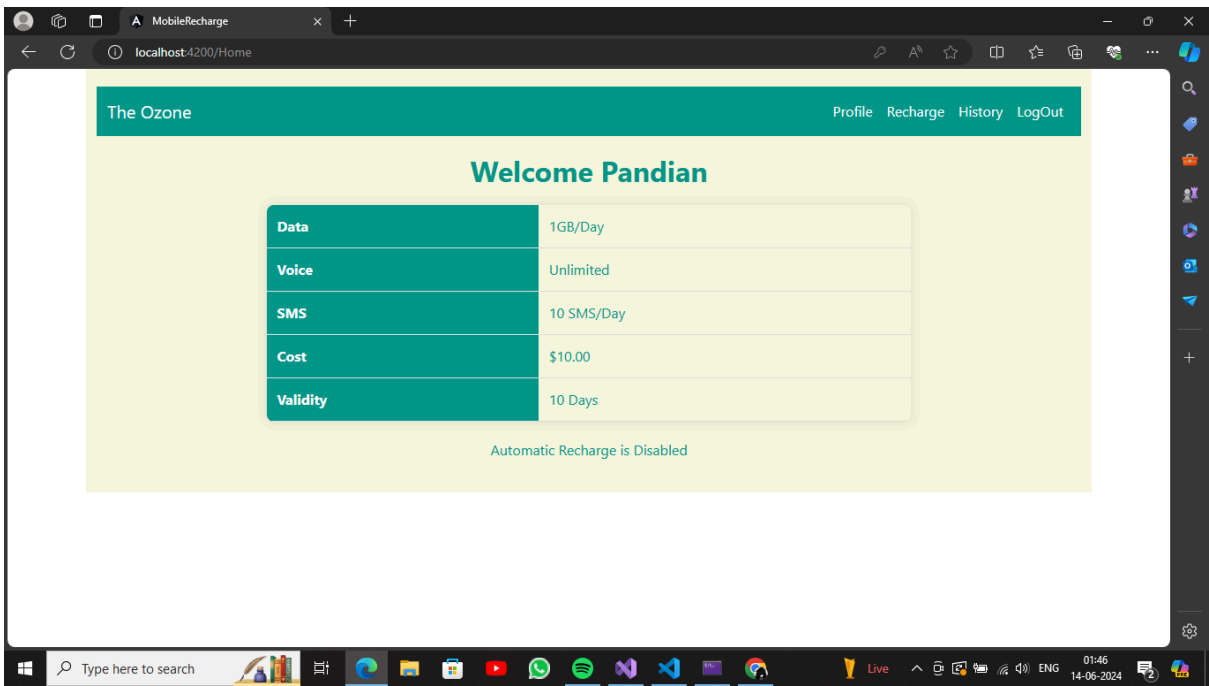
Recharge is Successful



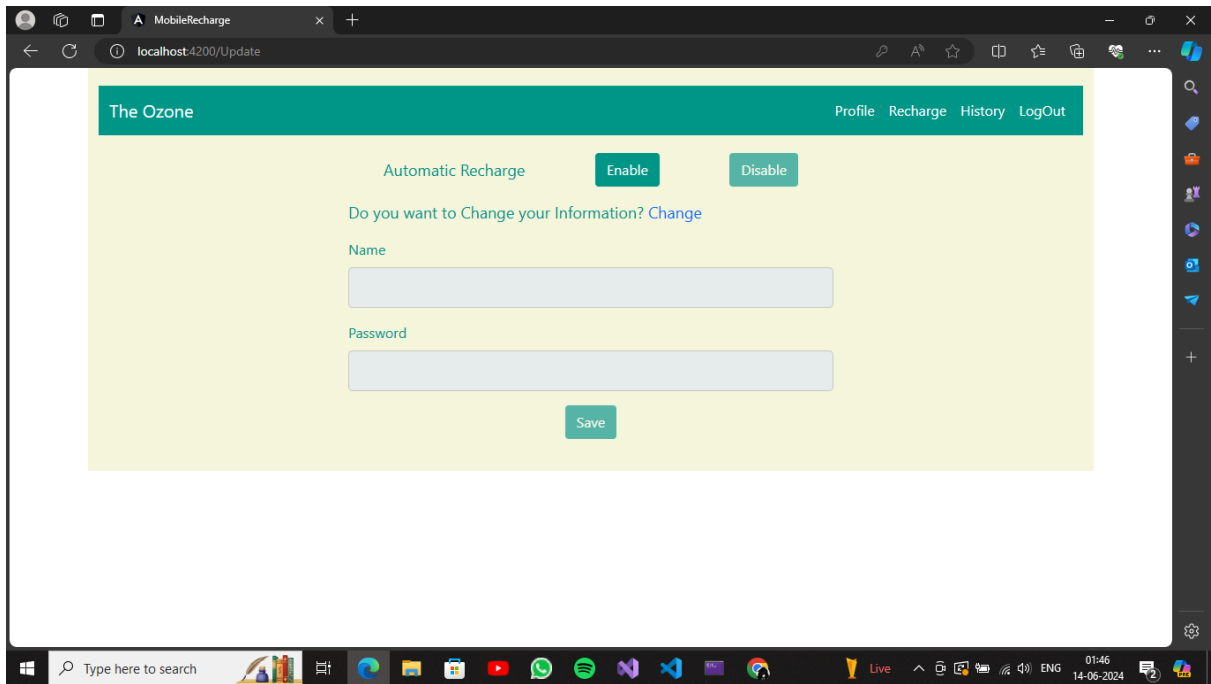
Recharge History



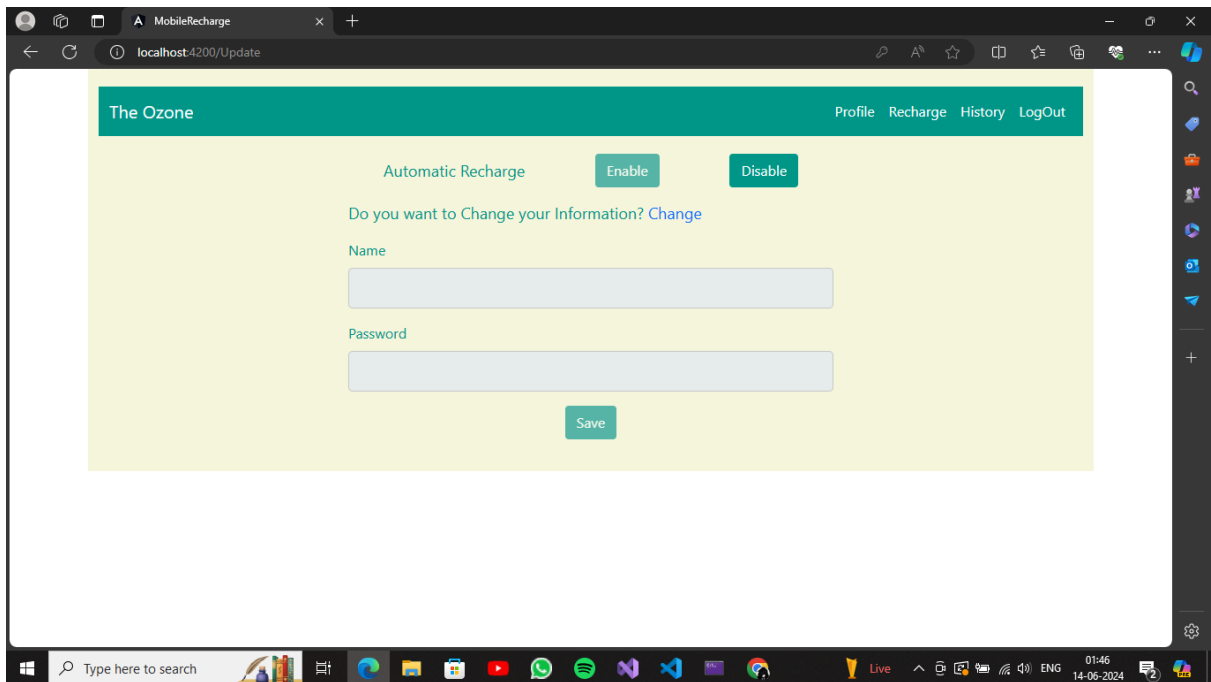
Automatic Recharge Disabled



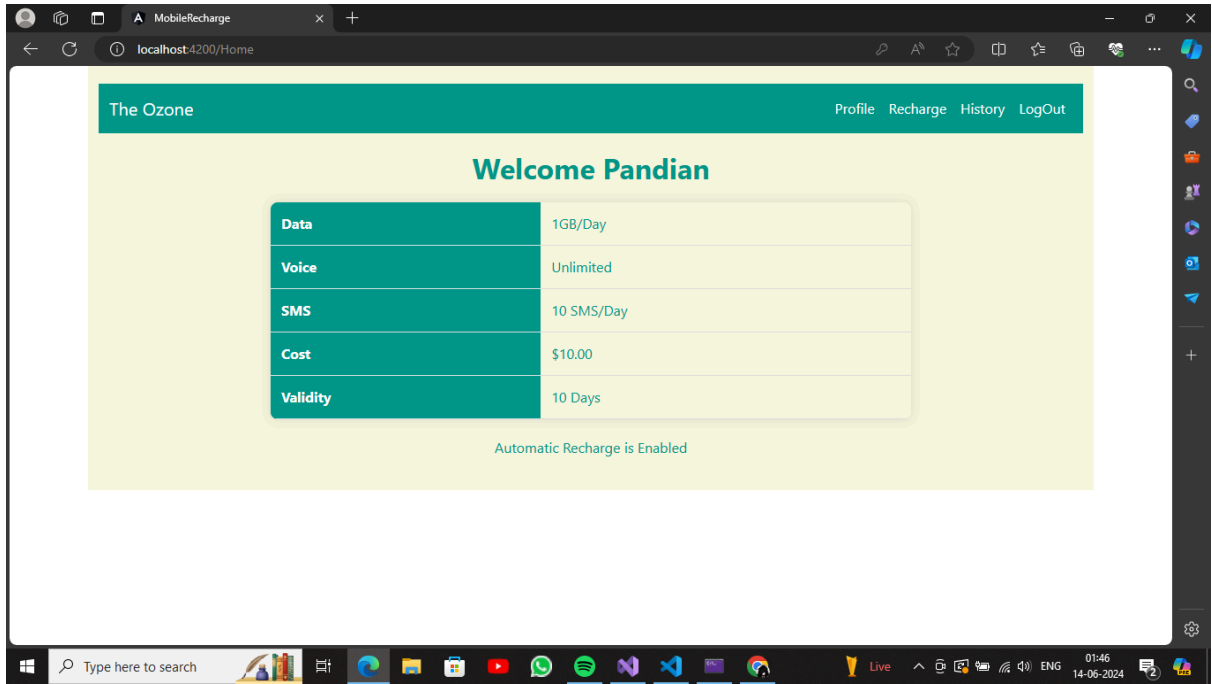
Automatic Recharge Enable Option in Profile Page



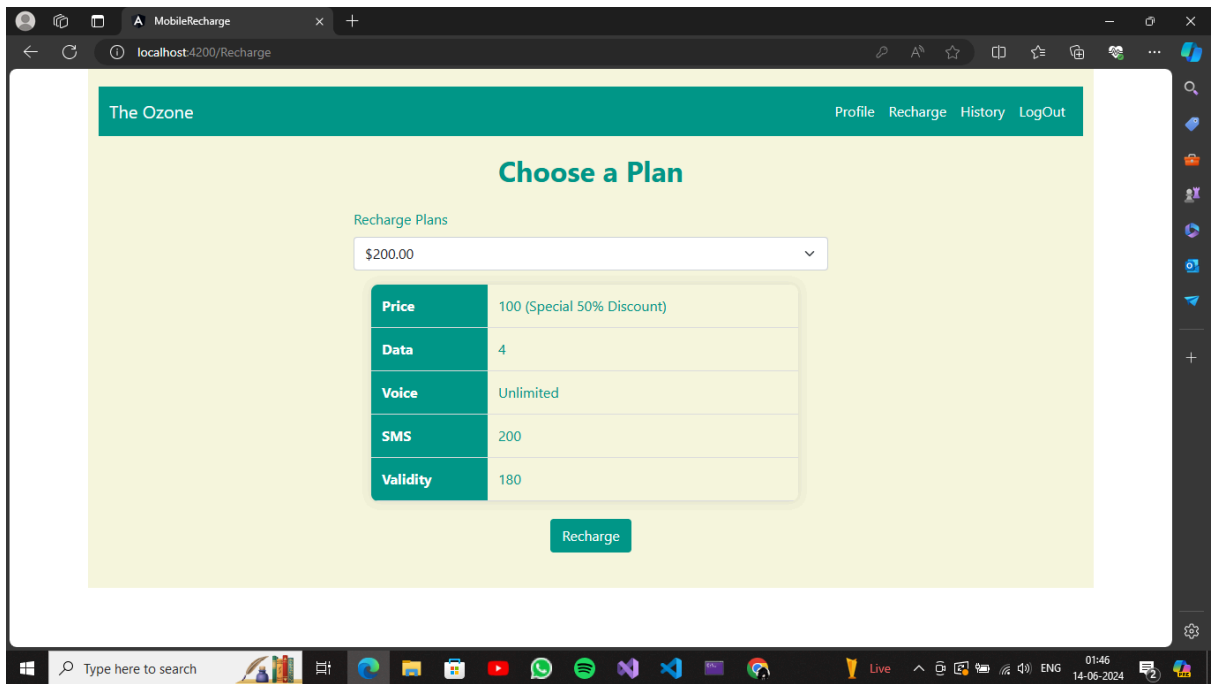
After Enabling



Automatic Recharge Enabled



Special Discount Offers



LogOut Customer

