

## **Team Phoenix -**

### **Login-based Coffee Machine using RazorPay API**

#### **Team Members :**

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#### **Case Study :**

Infosys has bought a new login-based coffee machine for their Senior employees exclusively. The coffee machine is placed in their Cafeteria on the 3rd Floor. They are assigned a QR Code attached with their details that are being verified. After successful verification, the transaction is processed.

#### **Solution:**

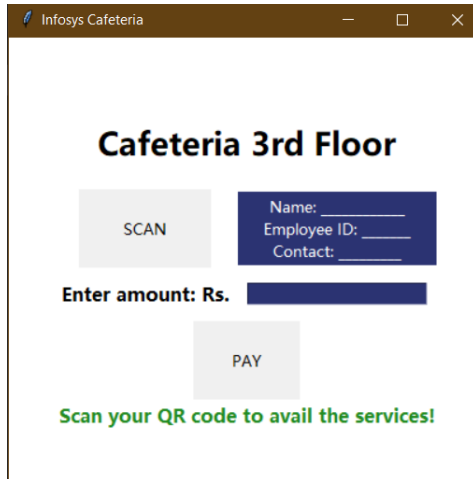
Our model deals with the transaction of the new coffee machine in the office's cafeteria, where a QR code assigned to the employees will get scanned and verified. After verification, the employee's details as well as the payment details will be displayed and confirmed. It is then redirected to the payment portal, where the transaction is done using Razorpay API.

**Technologies We used :** Python , JSON, HTML, Tkinter

## Steps to Operate:

### Step 1

The login screen opens as shown :



Infosys Cafeteria

**Cafeteria 3rd Floor**

SCAN

Name: \_\_\_\_\_  
Employee ID: \_\_\_\_\_  
Contact: \_\_\_\_\_

Enter amount: Rs. \_\_\_\_\_

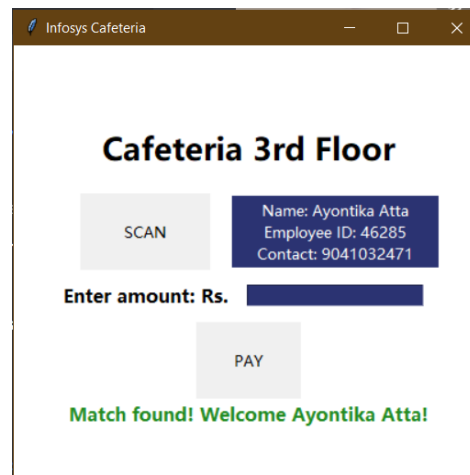
PAY

Scan your QR code to avail the services!

Press the SCAN button and scan your assigned QR Code.

- **Step 2**

Upon successful verification the screen appears as :



Infosys Cafeteria

**Cafeteria 3rd Floor**

SCAN

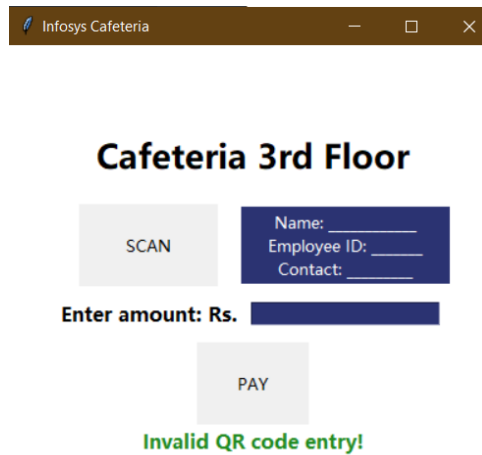
Name: Ayontika Atta  
Employee ID: 46285  
Contact: 9041032471

Enter amount: Rs. \_\_\_\_\_

PAY

Match found! Welcome Ayontika Atta!

For unverified profiles, an error message is shown.



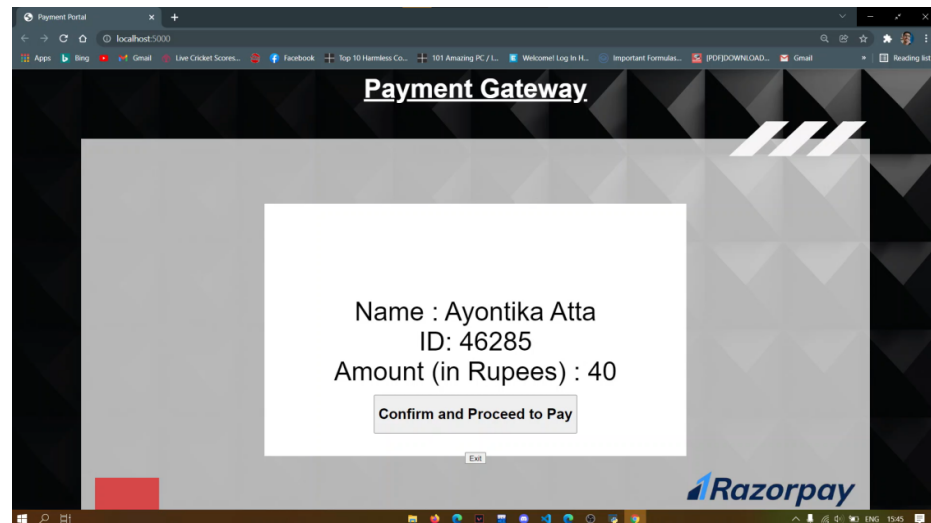
The screenshot shows a web browser window titled "Infosys Cafeteria". The page has a dark blue header with the title "Cafeteria 3rd Floor". Below the header, there is a "SCAN" button on the left and a form on the right with fields for "Name:", "Employee ID:", and "Contact:". Below the form, there is a text input field labeled "Enter amount: Rs." and a "PAY" button. At the bottom, a green error message reads "Invalid QR code entry!".

- **Step 3**

Enter the amount to be paid and press PAY

- **Step 4**

A Web Page opens with the details associated with the QR Code.



The screenshot shows a web browser window titled "Payment Gateway". The page has a dark background with a white central box containing the following details: "Name : Ayontika Atta", "ID: 46285", and "Amount (in Rupees) : 40". Below the details is a button labeled "Confirm and Proceed to Pay". The Razorpay logo is visible in the bottom right corner. The browser's address bar shows "localhost:5000".

After confirming the details, press **Confirm and Proceed to Pay**

- **Step 5**

The Payment Portal appears.

The screenshot shows a mobile application interface for a transaction. At the top, there's a blue header with a logo and the text 'Cafeteria Test Transaction' and '₹ 40'. Below this is a language selector set to 'English'. The main form has three input fields: 'Country' with a dropdown showing '+91', 'Phone' with the number '9041032471' and a phone icon, and 'Email' with the address 'l5suddho@gmail.com' and an email icon. At the bottom, there's a blue bar with the text 'PROCEED'. A security notice at the bottom of the form states 'This payment is secured by Razorpay.'

Press **Proceed** and continue the transaction with your preferred payment method.

- **Step 6**

After successful transaction, press **Exit** and return to the main screen