**PAYMENT PORTAL FOR COLLEGE STUDENTS**

**Overview**

1. \* Registration of student - (roll no, name , password) (API Authentication)

Display page - list of programmes and year enrolled option.

1. Sign in page (Roll No., username, password) (Successful login direct towards payment page/ unregistered users gets a pop up - invalid credentials)
2. Payment page - Displaying due amount and due date.
3. Payment Gateway - choosing of payment method (payment authentication)
4. Successful payment page/ Unsuccessful payment page.

**Use case**

1. User selects the programmes(B.Tech., M.Tech, B.Des, PhD) and the year in which he/she is enrolled.
2. To proceed for the payment, the user can authenticate himself by logging in.
3. To login, the user needs to provide his credentials, viz: Roll Number, College ID, password.

* Successful login - Registered users get directed towards payment portal.
* Unsuccessful login - Unregistered users will be able to see a pop up displaying “Credentials are invalid, log in again”.

1. The payment gateway will show the outstanding amount to be paid and payment gateway - stripe
2. To successfully make the payment, users need to provide the payment method credentials and proceed to pay.

* Credit card payment - Card Number, Name on card, Expiration date, CVV.
* Debit Card payment - Card Number, Name on card, Expiration date, CVV.

1. Proceeding with payment can lead to three further scenarios.

* Successful Payment - The application will respond with a payment receipt(invoice) and a pop up displaying “Payment successful. Print the receipt”. The successful payment page will show the option to go back to “home”.
* Unsuccessful Payment - The application will respond with a pop up displaying the message of failed payment and error message(code). The page will allow users to go back to their home route and begin with a new payment

**User stories**

1. Users want to select respective programmes to get the fee structure and amount.
2. User wants to login to pay fee
3. Users should be able to preview the payment receipt.
4. Users want to log out and return to the login page.
5. \* User can change their password if they forget