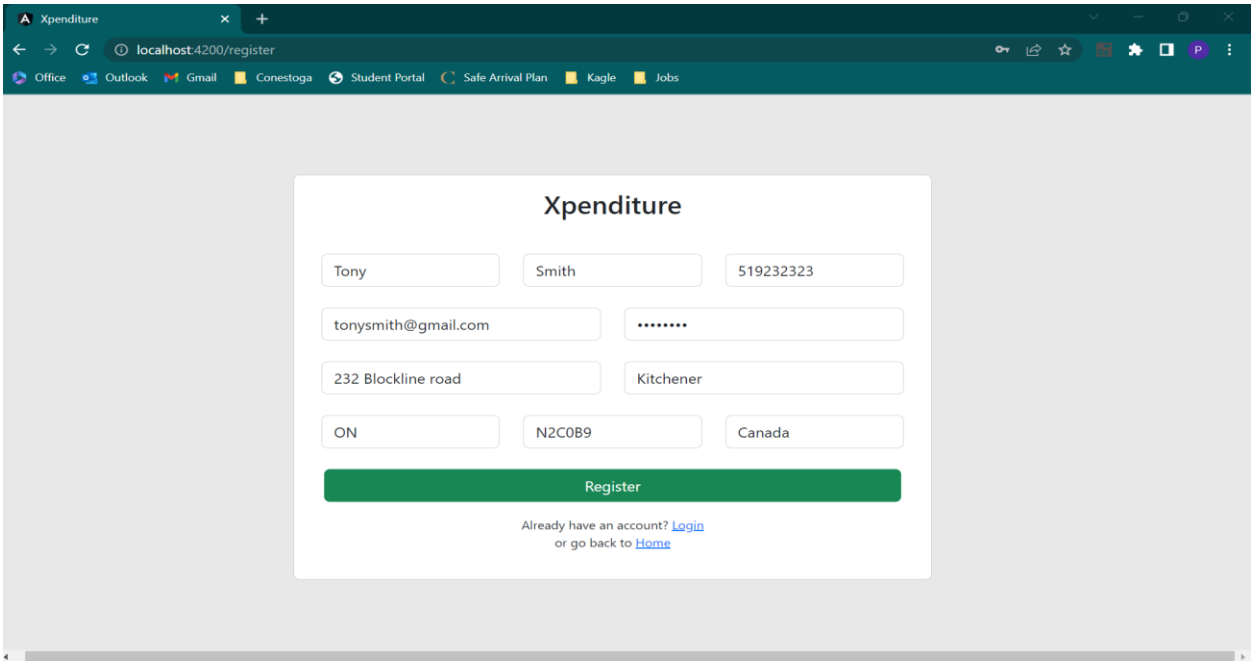
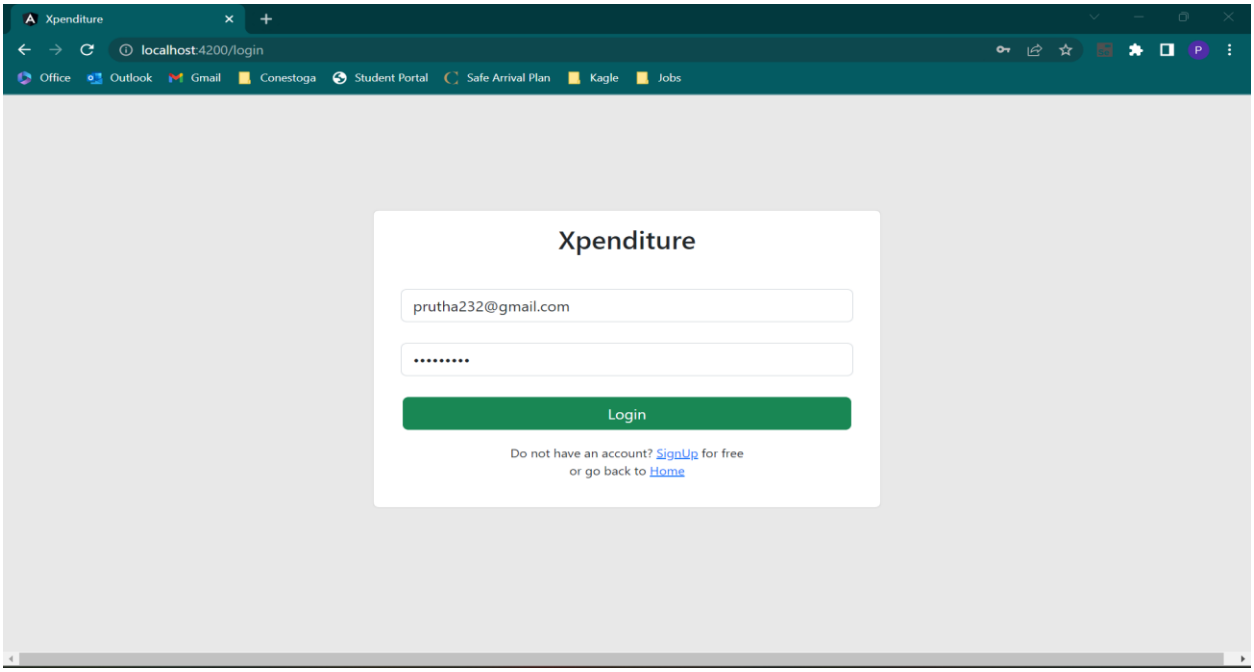
Xpenditure

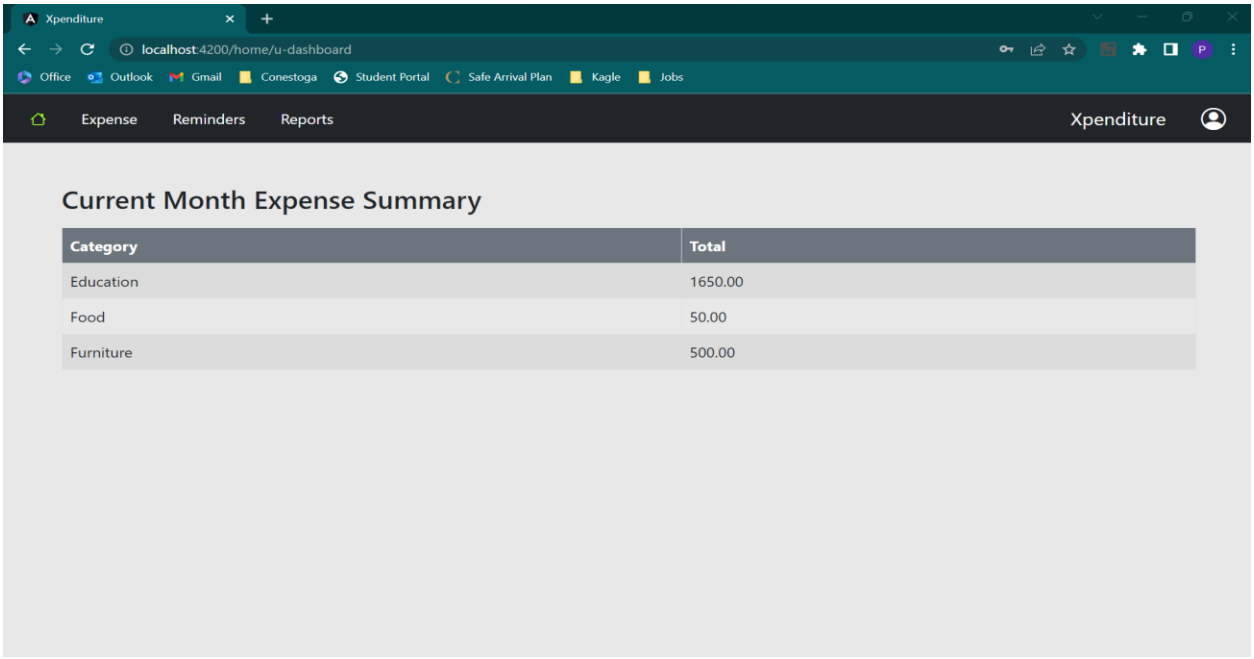
User Registration



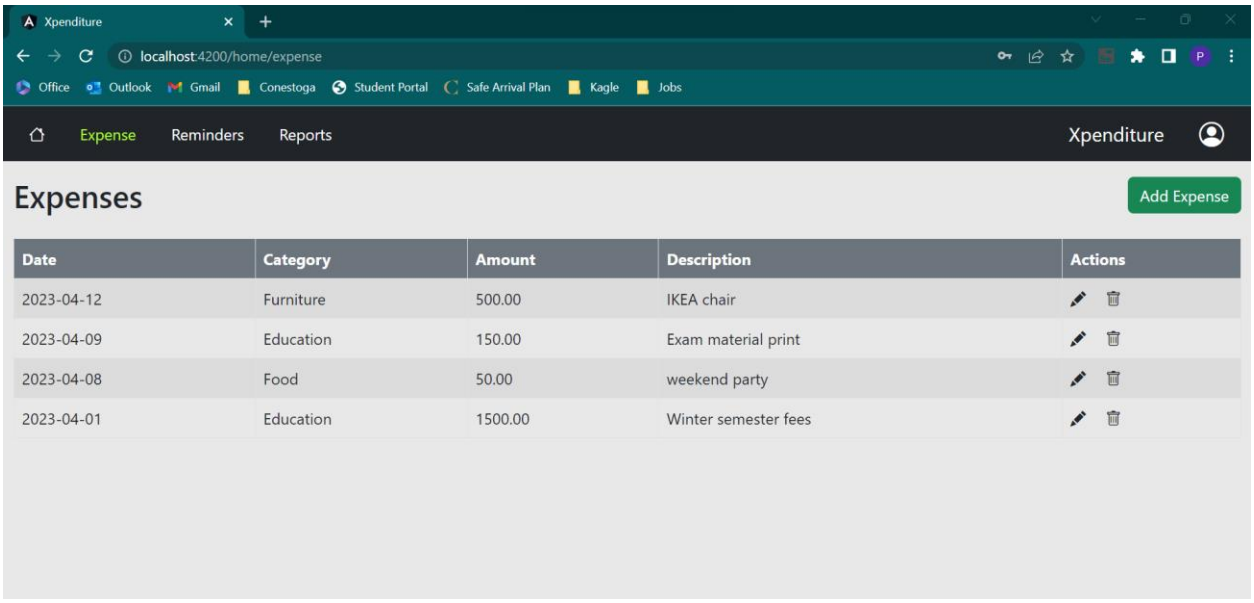
User Login



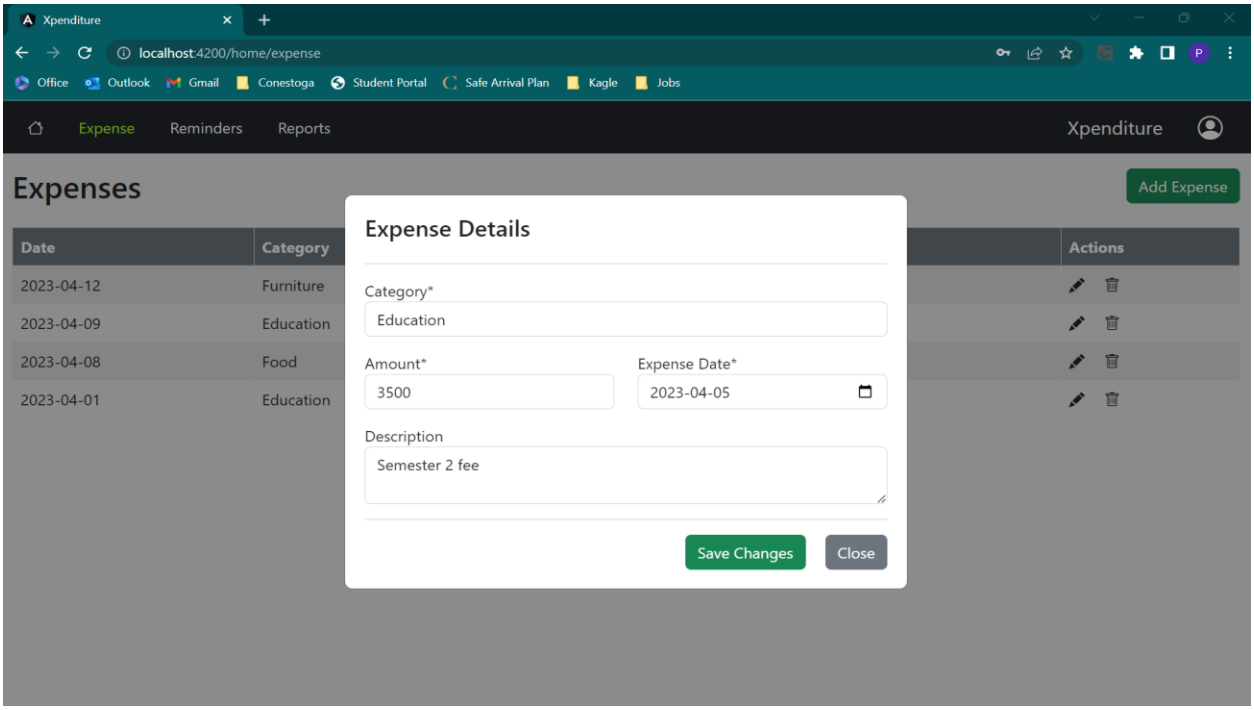
User Dashboard

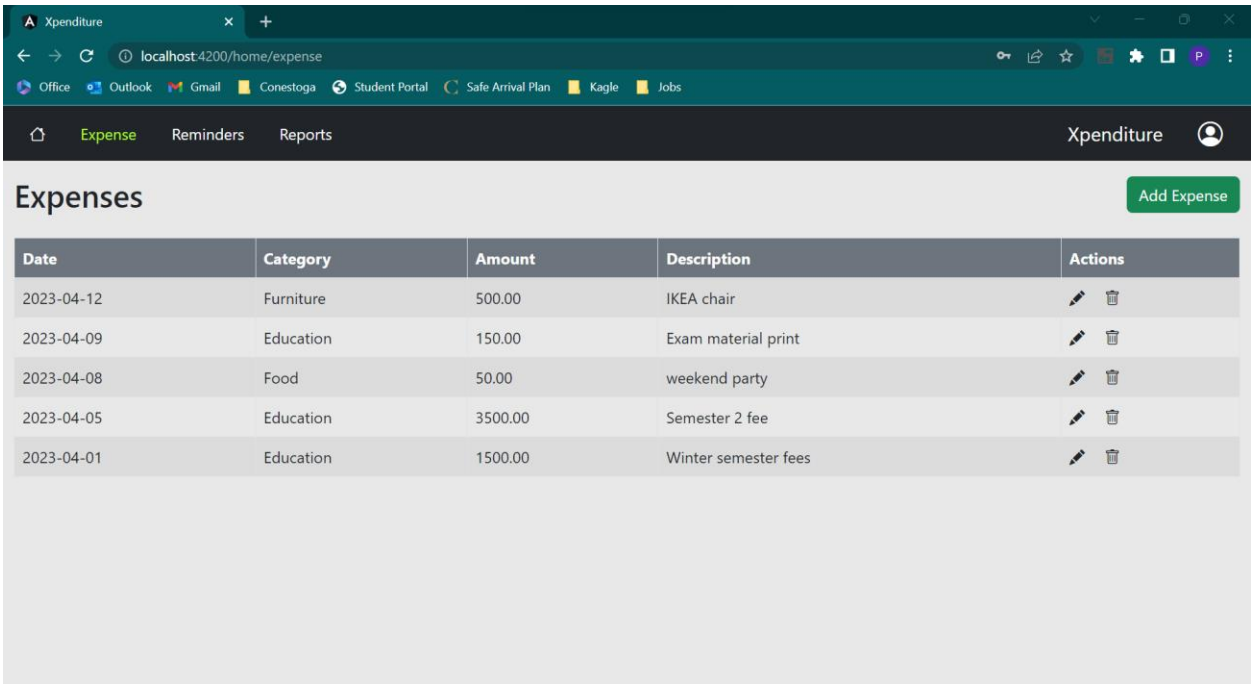


User Expense Page



Add Expense



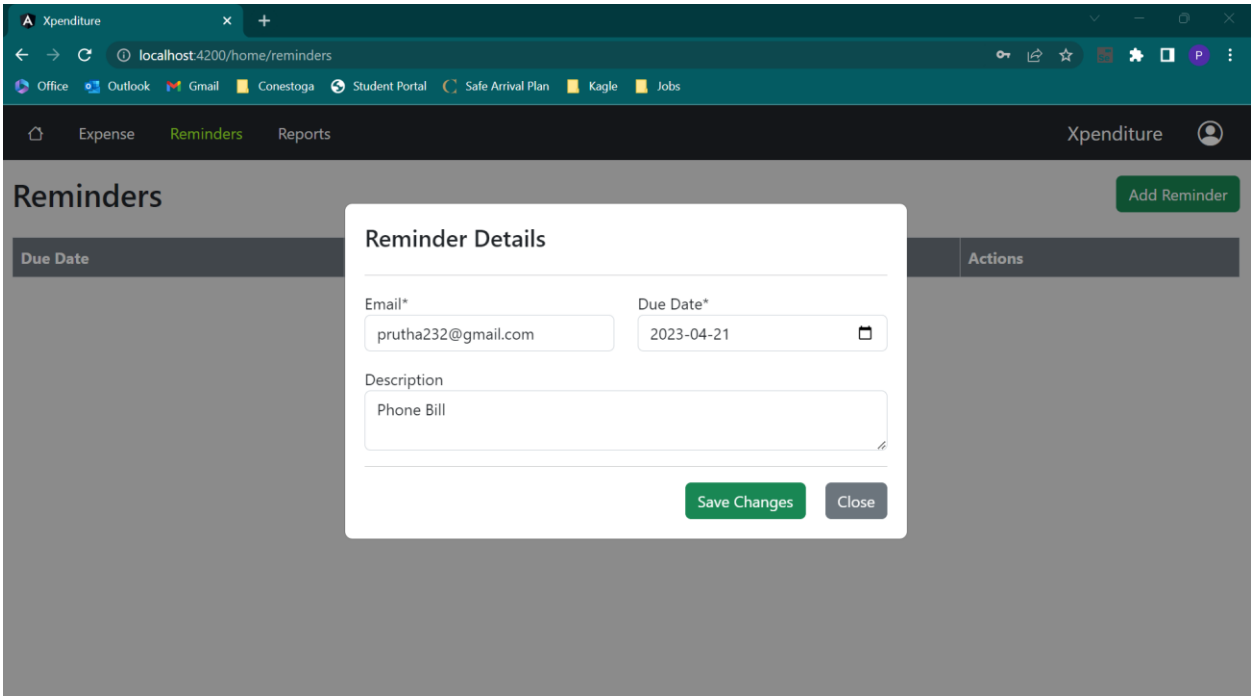


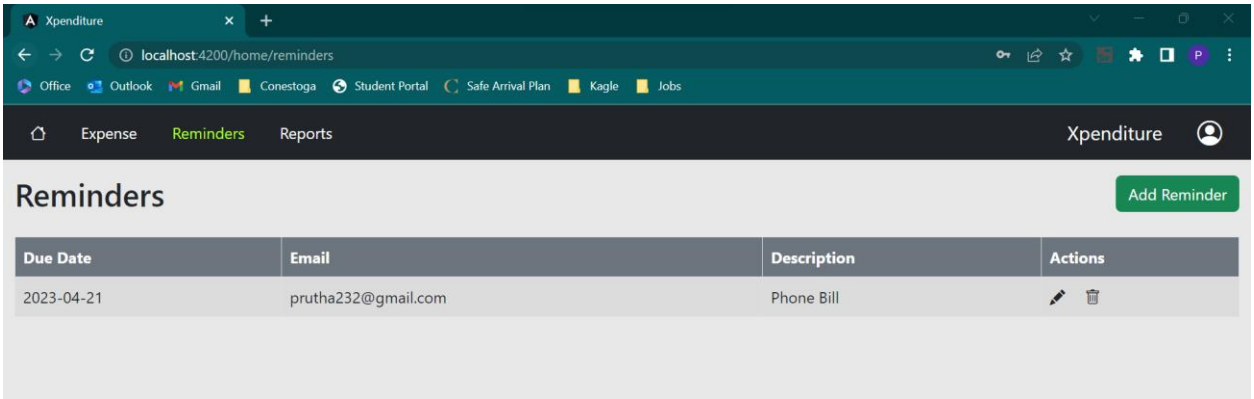
Expenses are sorted by Date in ascending order.

: Use this for editing the expense.

: Use this for deleting the expense.

Reminders



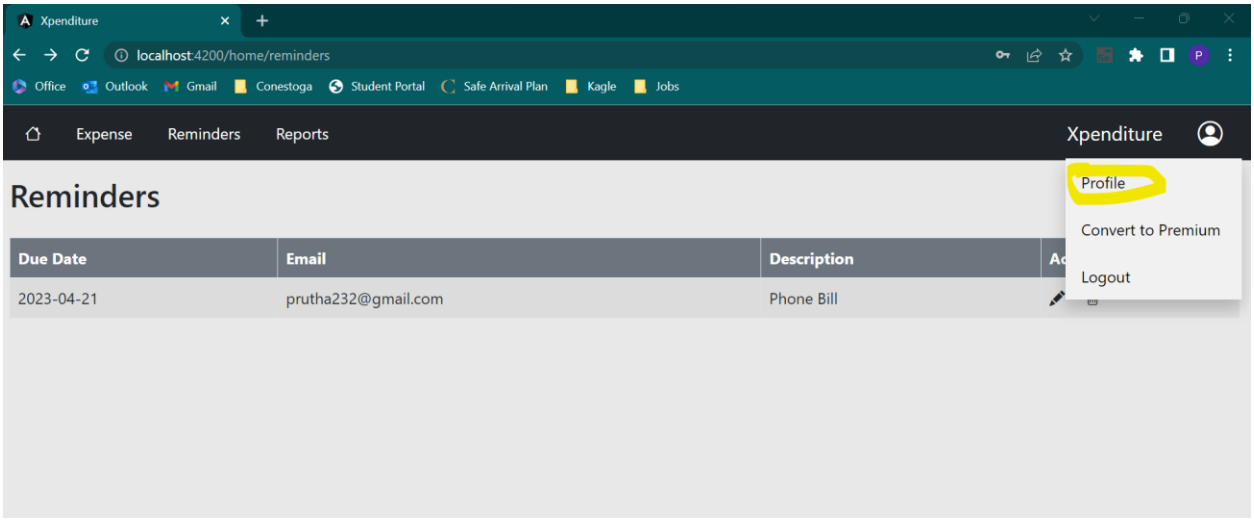


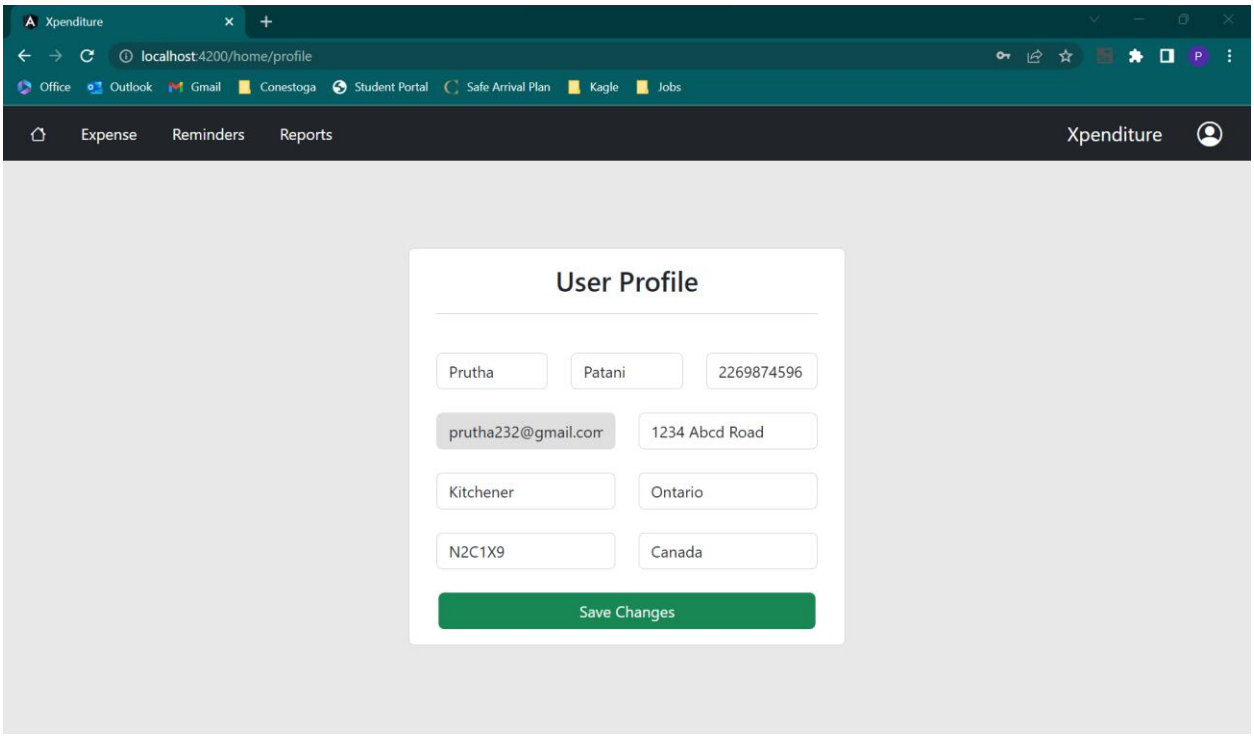
Using this functionality user can set up the reminders for upcoming payments.

: Use this for editing the reminder.

: Use this for deleting the reminder.

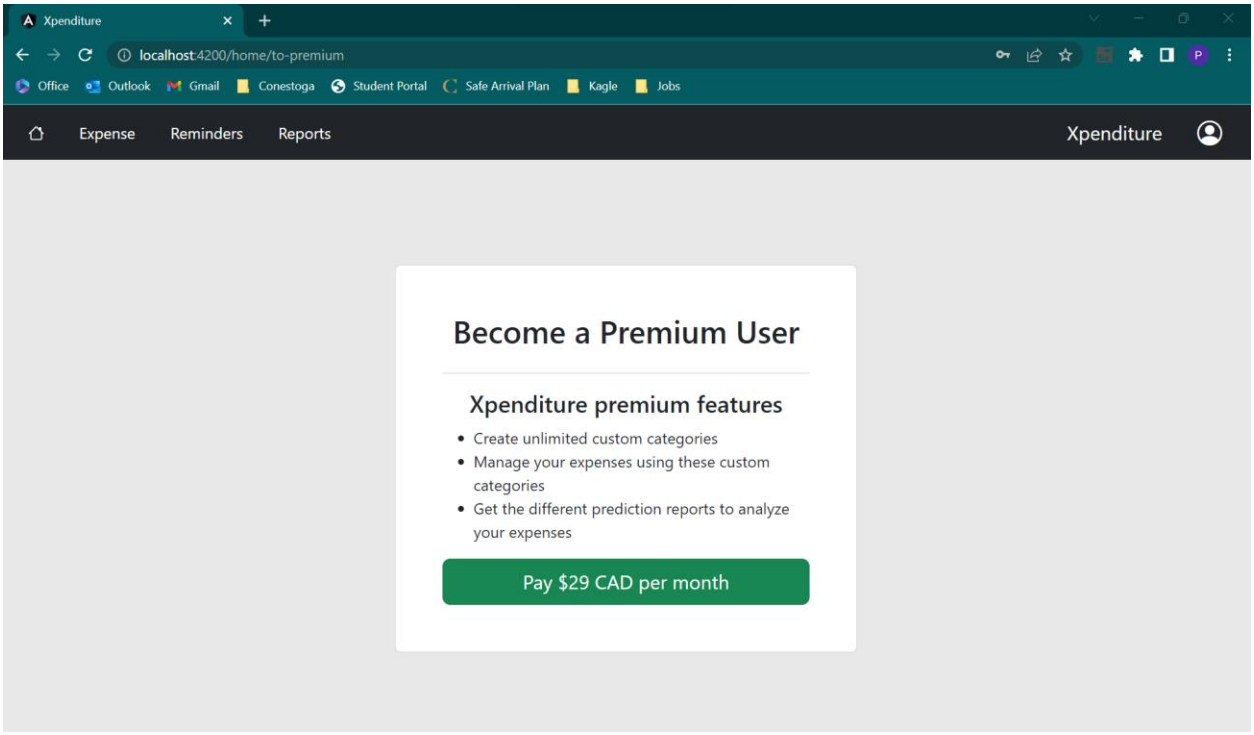
User Profile



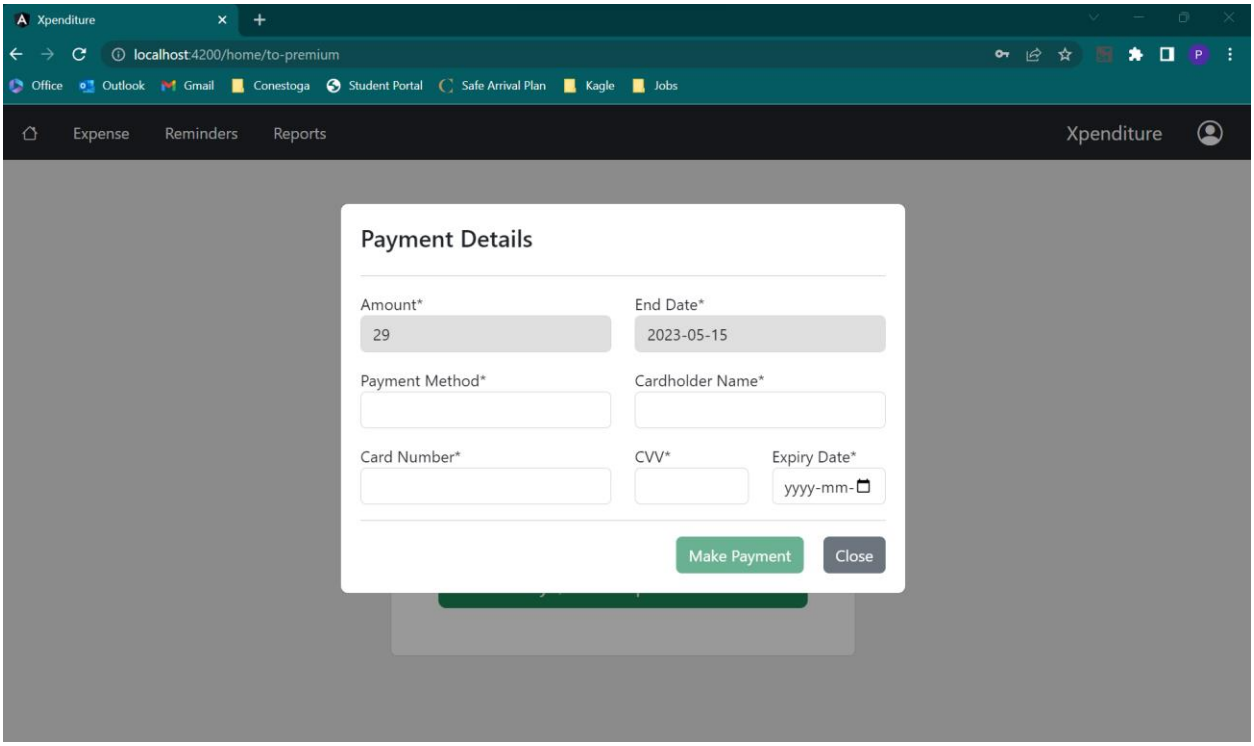


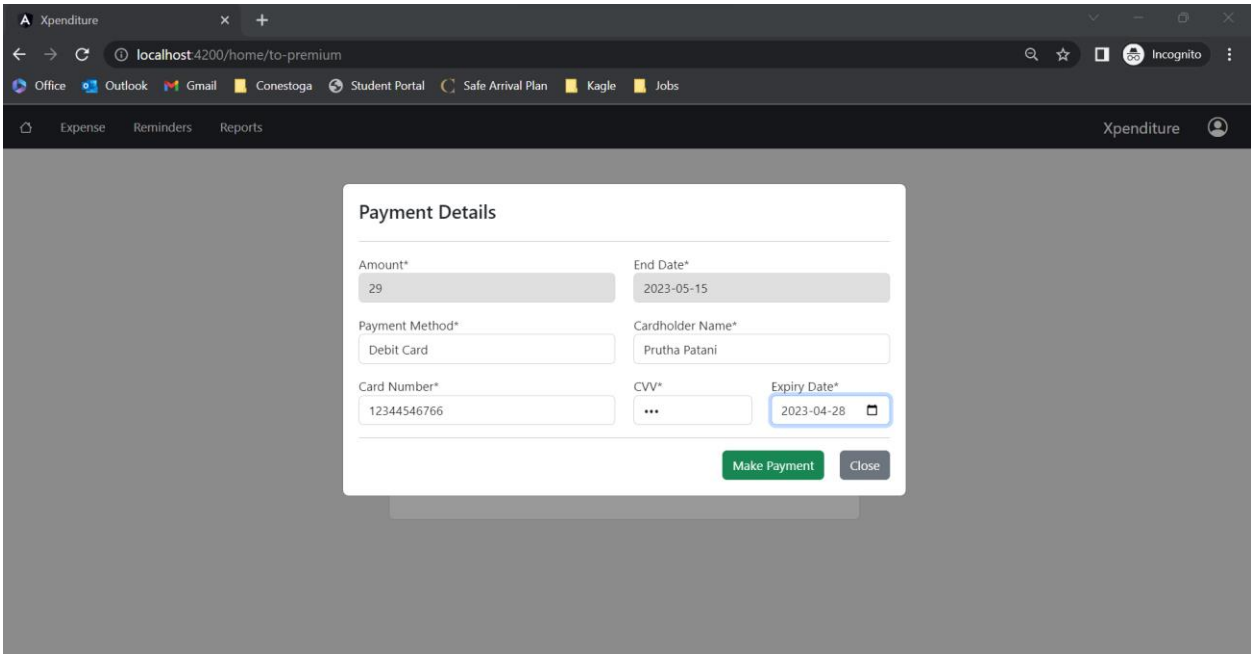
Here, user can update his/her personal information except the email-Id.

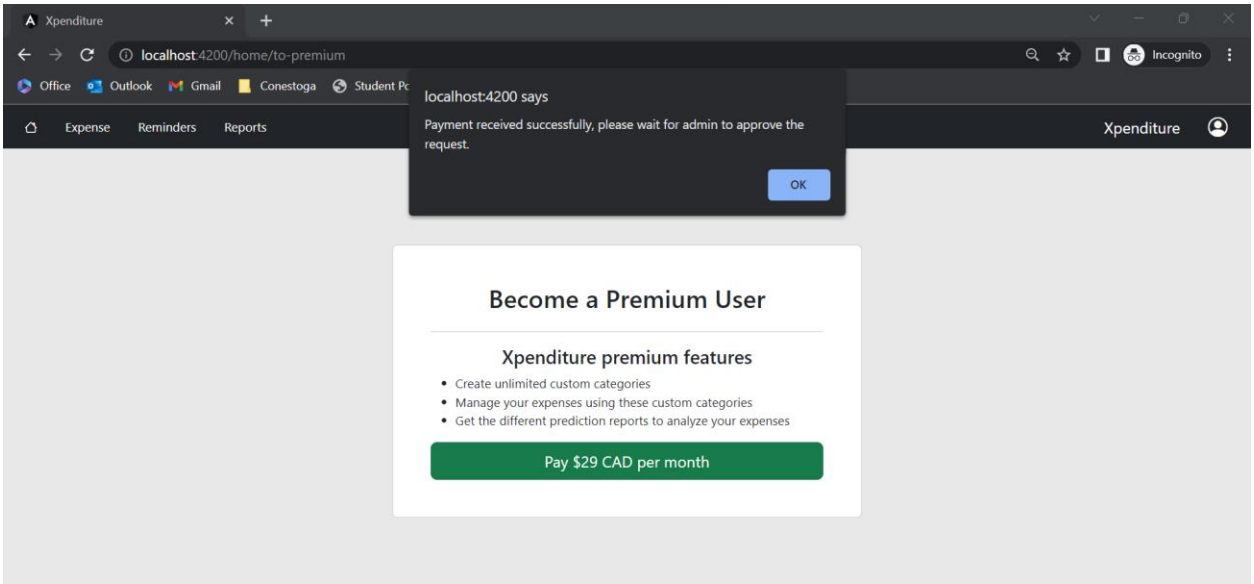
Opting Premium Option



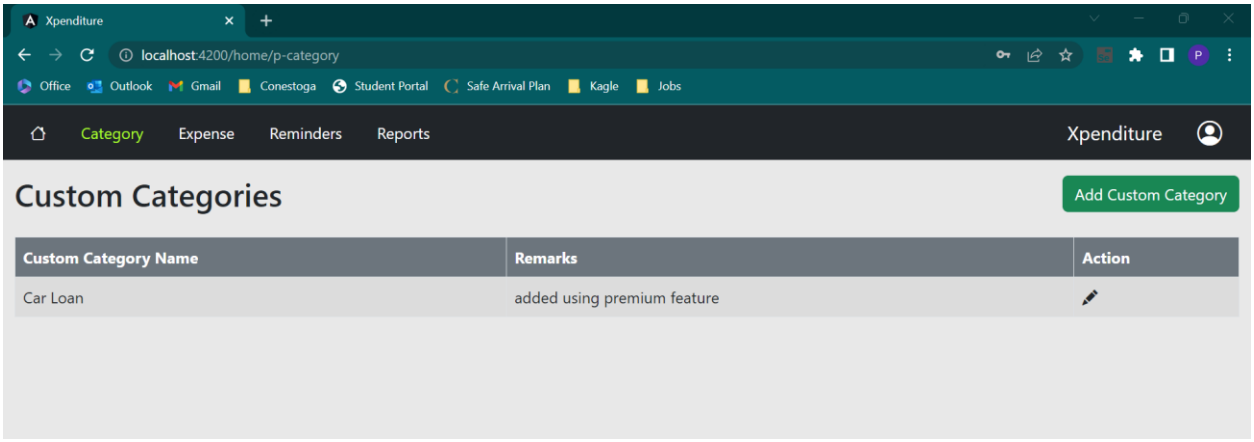
Make Payment



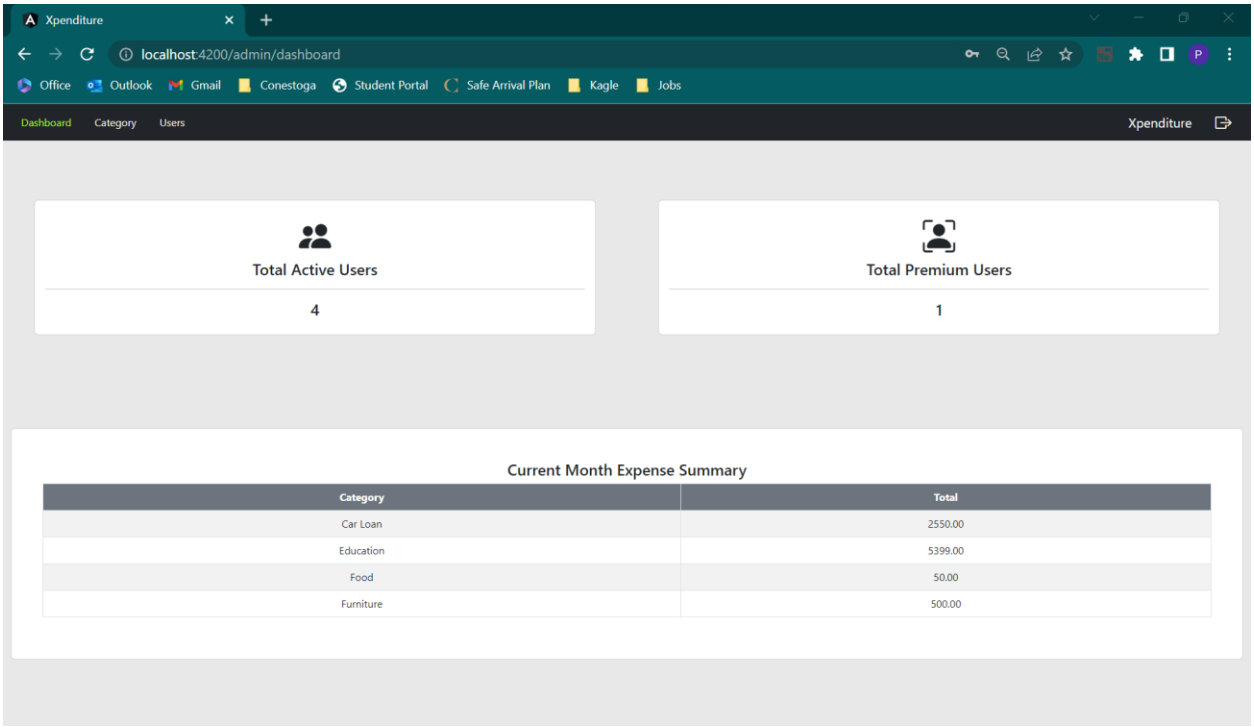

Xpenditure
localhost:4200/home/to-premium
Incognito
Office
Outlook
Gmail
Conestoga
Student Portal
Safe Arrival Plan
Kagle
Jobs
Expense
Reminders
Reports
Xpenditure
Payment Details
Amount*
29
End Date*
2023-05-15
Payment Method*
Debit Card
Cardholder Name*
Prutha Patani
Card Number*
12344546766
CVV*
Expiry Date*
2023-04-28
Make Payment
Close


Xpenditure
localhost:4200/home/to-premium
Incognito
Office
Outlook
Gmail
Conestoga
Expense
Reminders
Reports
Xpenditure
localhost:4200 says
Payment received successfully, please wait for admin to approve the request.
OK
Become a Premium User
Xpenditure premium features
Create unlimited custom categories
Manage your expenses using these custom categories
Get the different prediction reports to analyze your expenses
Pay $29 CAD per month

Premium user can create and modify customized categories.



Admin Dashboard

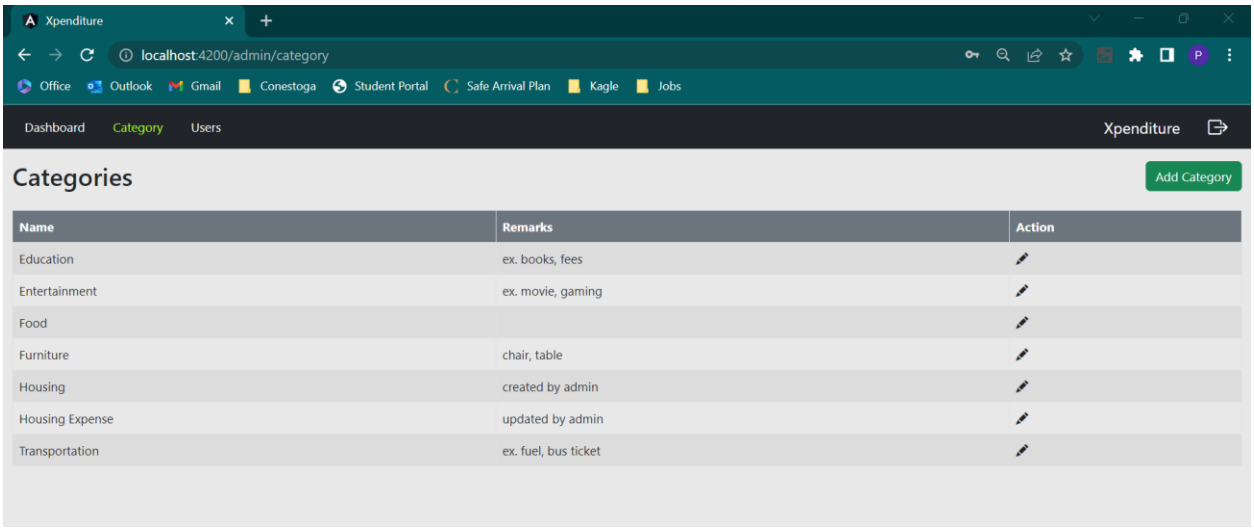


Admin gets total amount spent by all per category for current month.

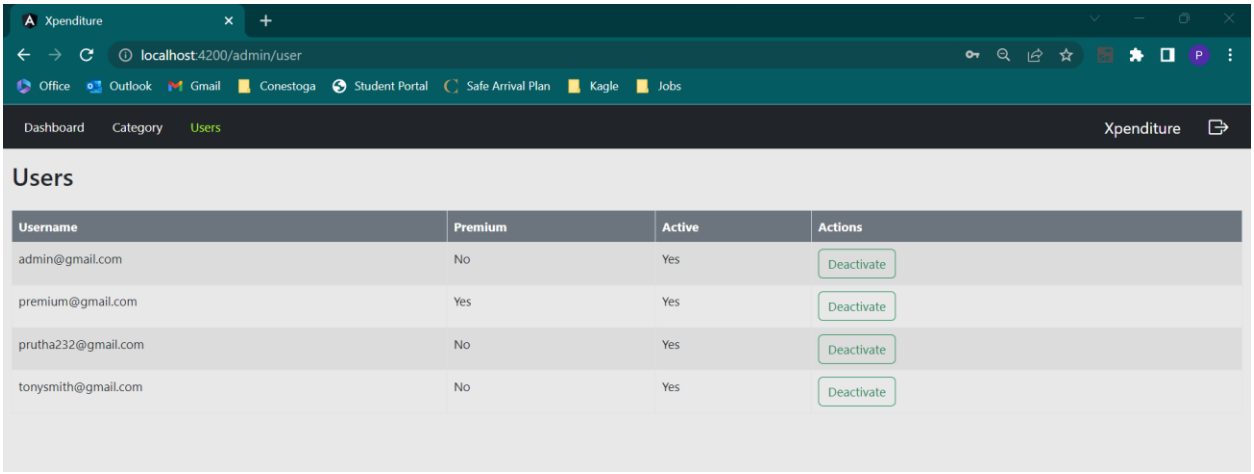
Admin can also quickly see the count of active and premium users.

Category Management by Admin

Note: Admin can create and modify only default categories.

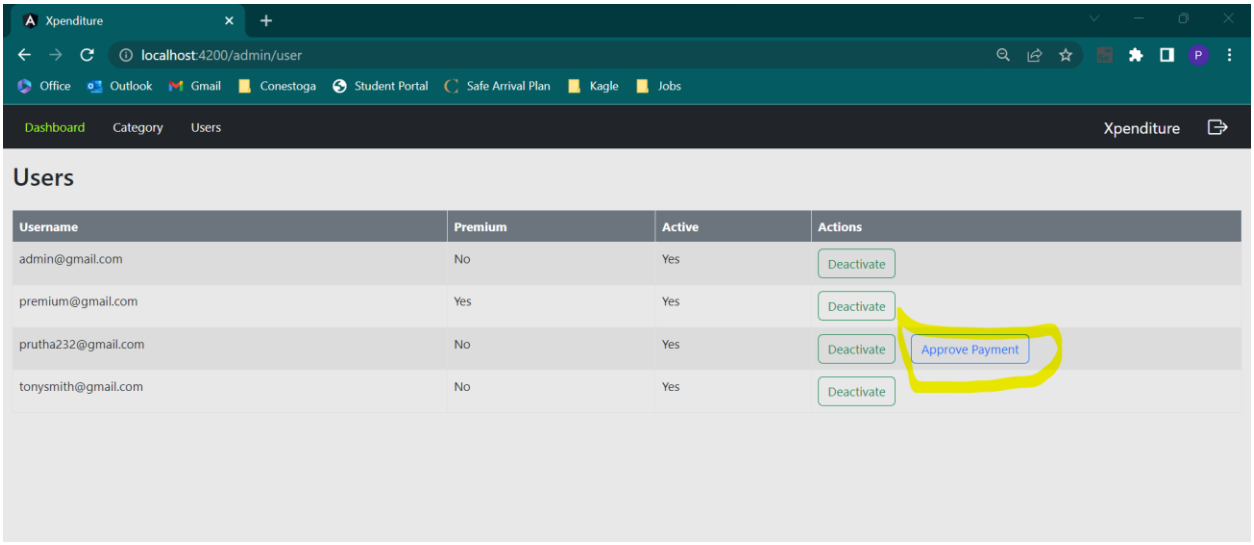


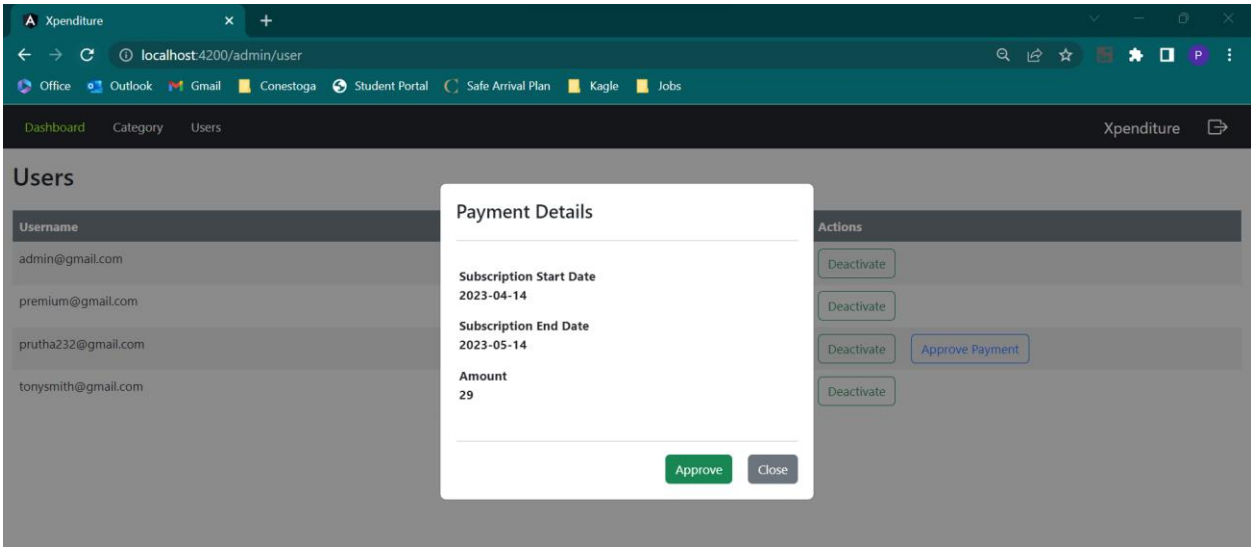
Summarized User Details for Admin



Admin can activate as well as deactivate the user

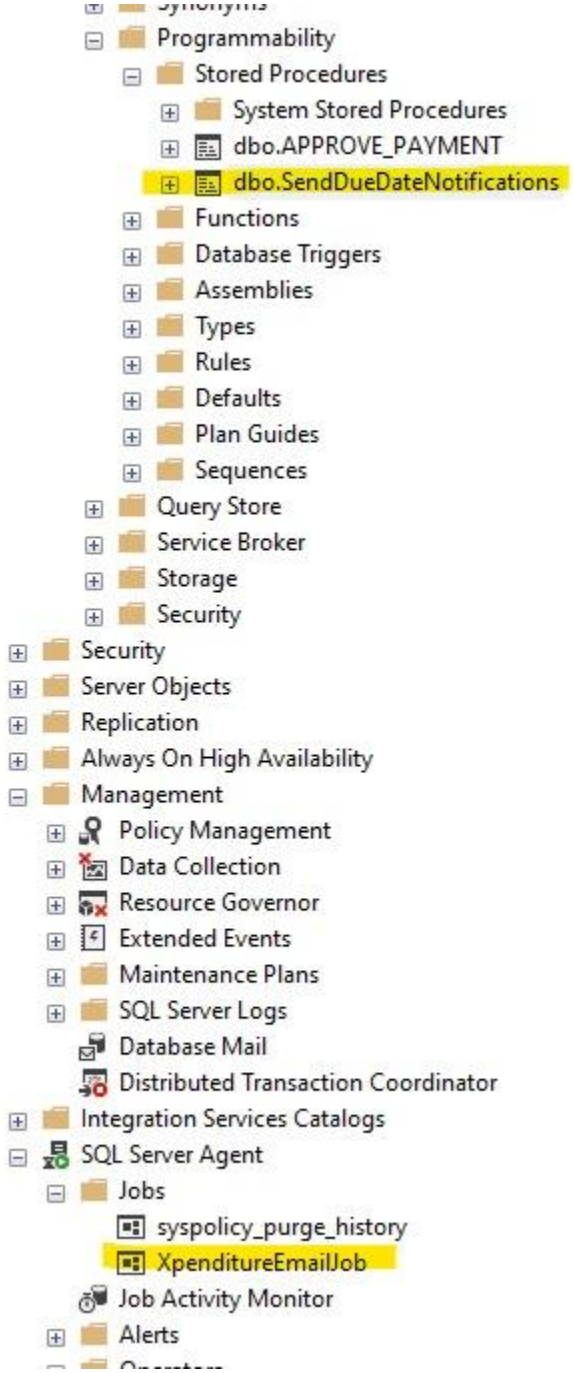
Whenever any user makes payment for becoming a premium user, admin will get option to approve payment. Once payment is approved user will be upgraded to Premium


Xpenditure
localhost:4200/admin/user
Office
Outlook
Gmail
Conestoga
Student Portal
Safe Arrival Plan
Kagle
Jobs
Dashboard
Category
Users
Xpenditure
Users
Username
Premium
Active
Actions
admin@gmail.com
No
Yes
Deactivate
premium@gmail.com
Yes
Yes
Deactivate
prutha232@gmail.com
No
Yes
Deactivate
Approve Payment
tonysmith@gmail.com
No
Yes
Deactivate

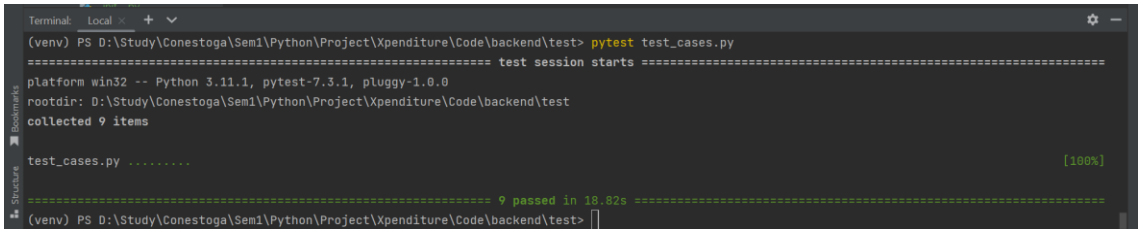

Xpenditure
localhost:4200/admin/user
Office
Outlook
Gmail
Conestoga
Student Portal
Safe Arrival Plan
Kagle
Jobs
Dashboard
Category
Users
Xpenditure
Users
Payment Details
Subscription Start Date
2023-04-14
Subscription End Date
2023-05-14
Amount
29
Approve
Close
Username
Actions
admin@gmail.com
Deactivate
premium@gmail.com
Deactivate
prutha232@gmail.com
Deactivate
Approve Payment
tonysmith@gmail.com
Deactivate

Notes:

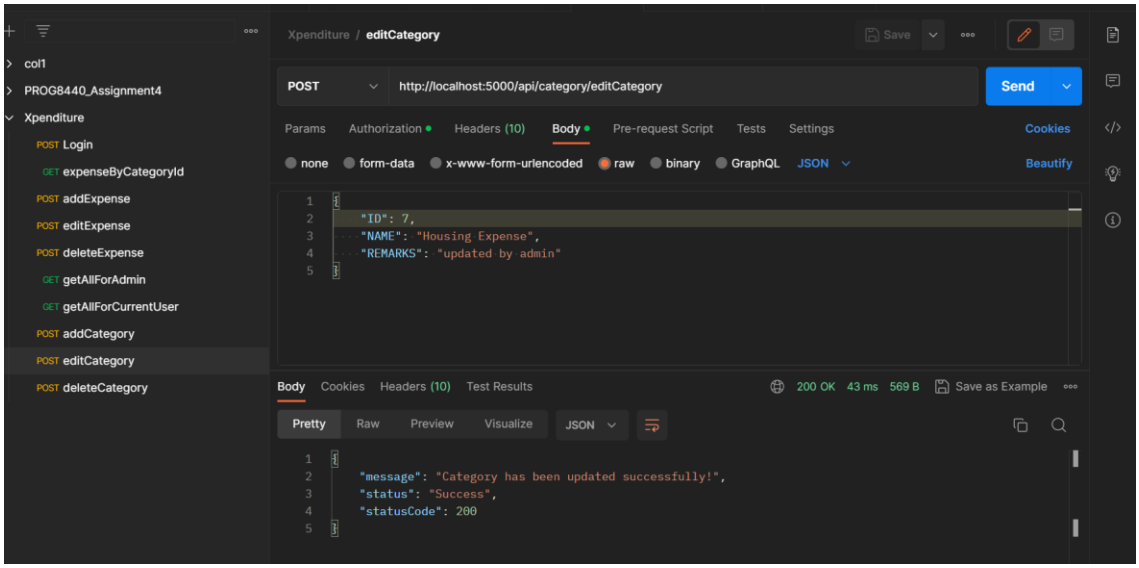
- We have used **JWT** tokens for authorization purpose.
- For reminders functionality, we have created a stored procedure (**SendDueDateNotifications**) and scheduling job (**XpenditureEmailJob**) to send email notification to user.



- We have performed following type of testing.
    - used **pytest** for **unit testing.**



    - used **postman** for **API testing.**



    - We have also performed **manual testing.**