I. Use Case diagram

II. Class diagram

Users

f_name
l_name
email
type ——— Student
         sp admin
         admin

Role

Student
user_id
.
.
Faculty
.
promotion

Super admin
user_id
.
.

admin
user_id
.
.

bordereau
student_id

Payement
bordereau_id → null
student_id → null

student.id → null.
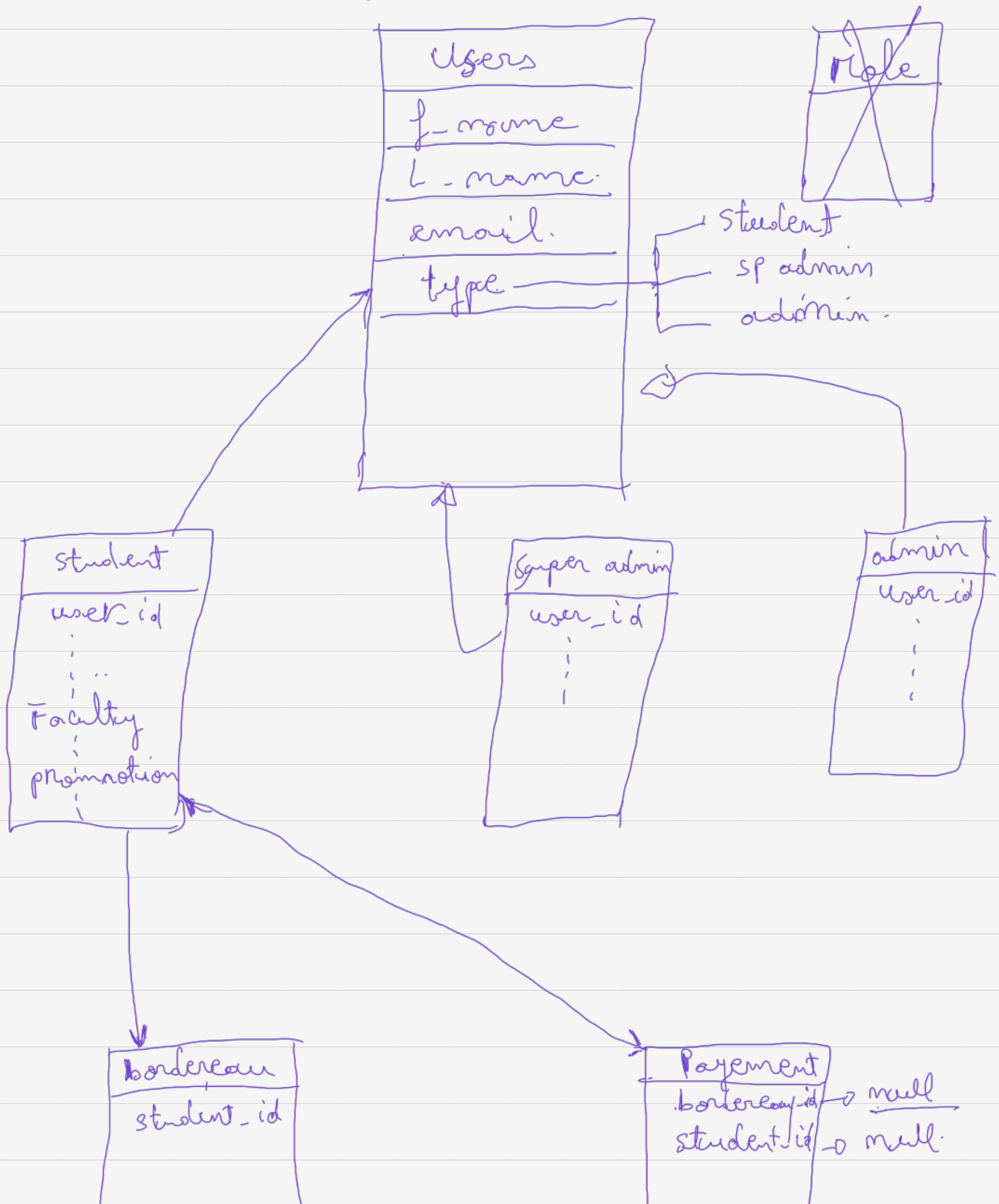
* Create a new student (With email verification)
* Login / Logout student

* upload bordereau.

* Create an admin (With a super admin account
* Activate / verify admin account

* Validate bordereau
* Create payement

* list payement and bordereau.

① Implement tables

② Establish connection between frontend & backend

frontend & backend

③ Start adding various endpoint.

ReactJS

Flask/Django

user

DBMS

Frontend

Backend

MySQL

↳ load balancer