

Course Enrollment Application

Your development team has been tasked with developing a prototype for a college course enrollment website called QCfirst.

Below are the specifications of some of the features you are required to implement.

User Management

User signup

Users can be of two types

- 1) students
- 2) instructors

I flag on sign up

Users sign up using their email addresses. The email addresses are used as the QCfirst usernames of the users.

Users need to set their account information where:

- username, password, and first and last names are strings
- a user is assigned an id number which is unique to the user
- one email address can only be used to register one account

User session

A user should only be able to take actions while they are logged in

I next iron session
and cookies

Course Management

An instructor (and only an instructor) can create and delete a course.

RCrud

Each course consists of

- a unique number
- a semester
- a course name
- a department
- an instructor
- a roster of students
- a description
- a schedule
- a capacity
- an enrollment deadline (the first day of instruction)

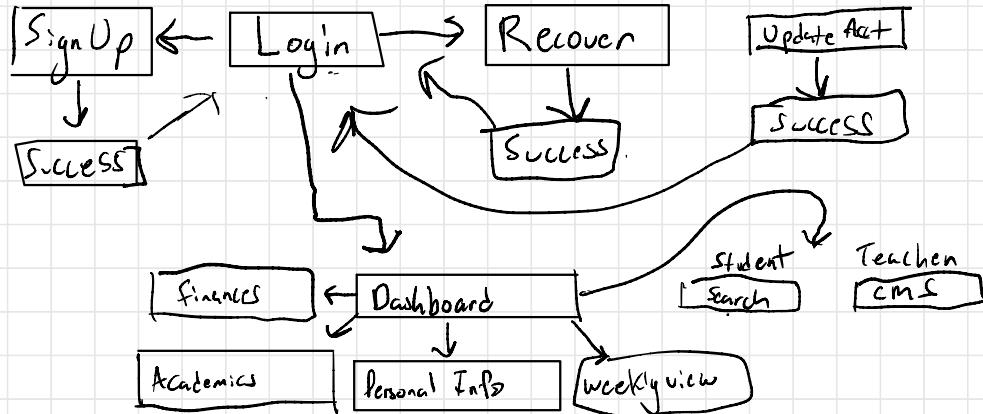
Enrollment Management

A student can only enroll in a course if

- the capacity is not full
- the student is not already enrolled in a course which conflicts with this course
- the enrollment deadline for the course has not passed

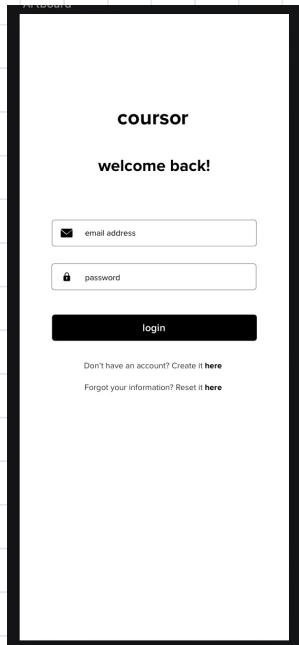
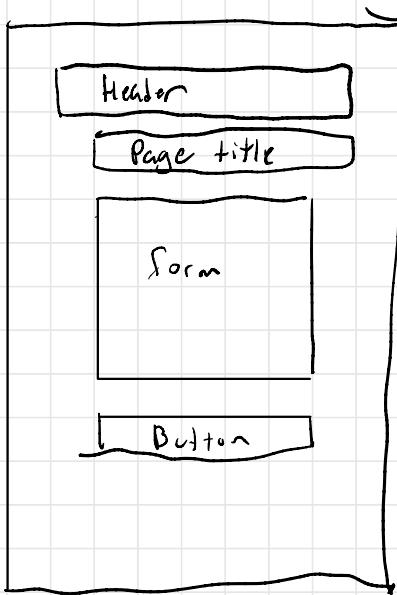
Enroll → validate → success/fail

Sitemap



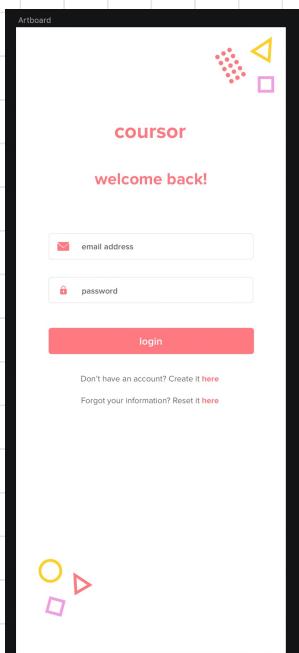
Form pages: Sign up / Login, Recover, Update

Generally the same besides asking for diff info

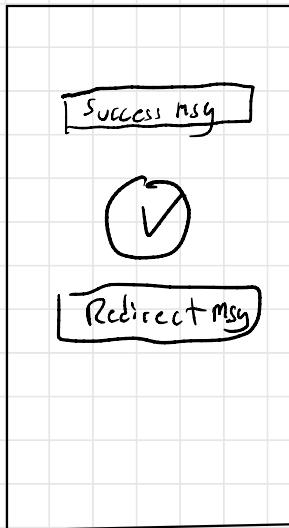


Not sure on palette yet.

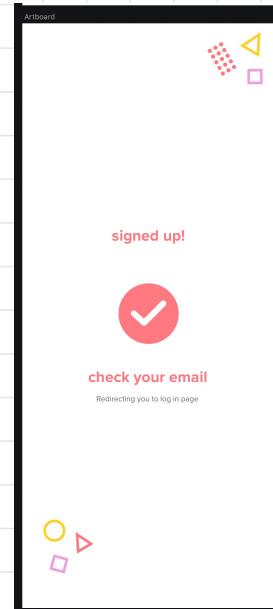
And might add a Logo



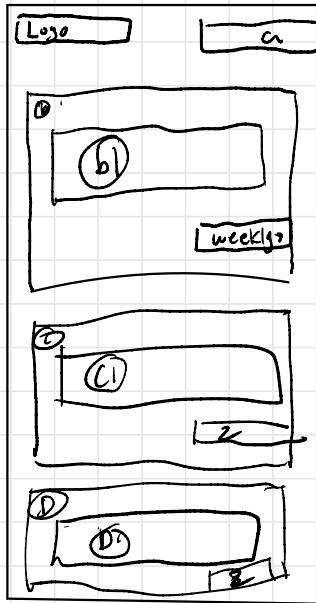
Success



This page is shown after
Sign up, recovery, and the update
account page

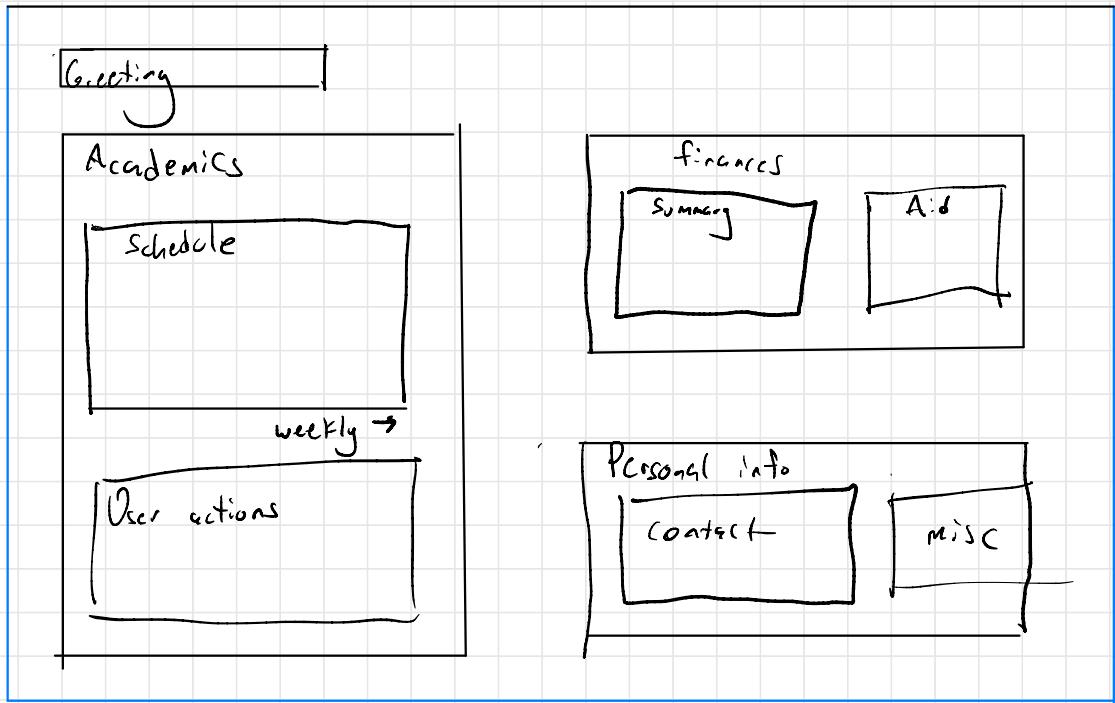


Dashboard



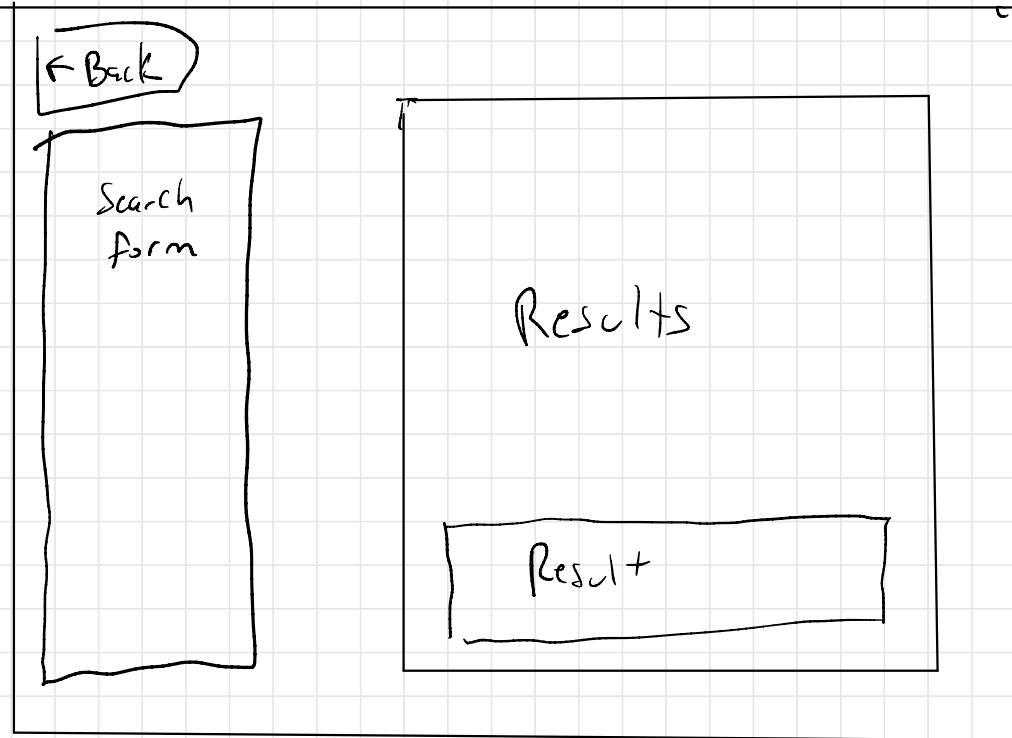
- (a) drop down nav for quicker access to financials, academics etc
- (b) Schedule will lead to a weekly view
 - ① Classes taking
- (c) Finances similar to Cognifit
 - ① Account summary
 - ② Manage pmt
- (d) Personal info
 - ① personal info summary
 - ② Edit

Pashboard: Student/Teacher Des Ktop



This page will feature most of the content from Cuny first just rearranged and actually nice

Search



Search Form:

functionality like Google finds but will have a simple search and advanced where the more "mild" can be used.

Results

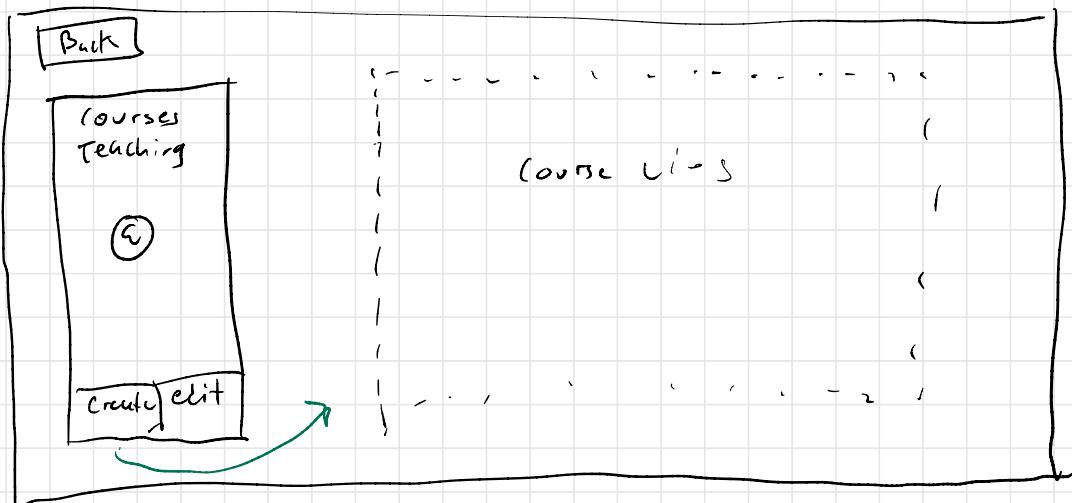
will show matched courses

Result

(hours class basic description)

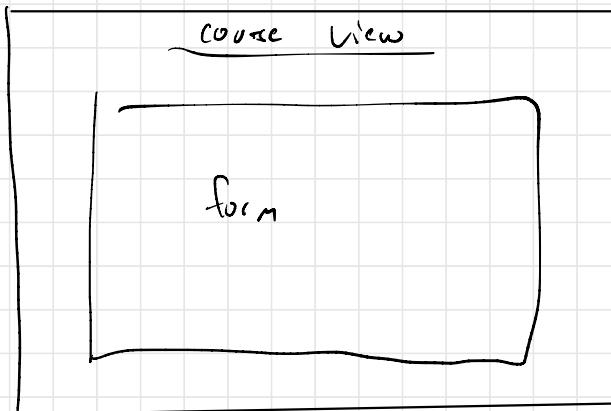
On click will open a modal or redirect the screen to render on class page

Course M/S



Ⓐ Show Professor's courses they're teaching with the option to edit them

Also lets you create new course



form includes:

Semester

Name

Dept

Instructor

Students

Desc

Schedule

Capacity

deadline