

Shared Class Notebook

Vincent Mac and Nicholas Chin
CSE 111-01, Professor Rusu

System Description

Database that allows students and their professors to add, update, and view each others notes within their respective classes.

- Using a standard SQLite3 database and accessing with javascript (node.js module)

Implementation Details

- Integrated Development Environment (IDE)
 - Microsoft Visual Studio Code
- Database
 - SQLite3 Database
- Language
 - SQLite3
 - HTML
 - CSS
 - Javascript (nodejs)

Important Use Cases

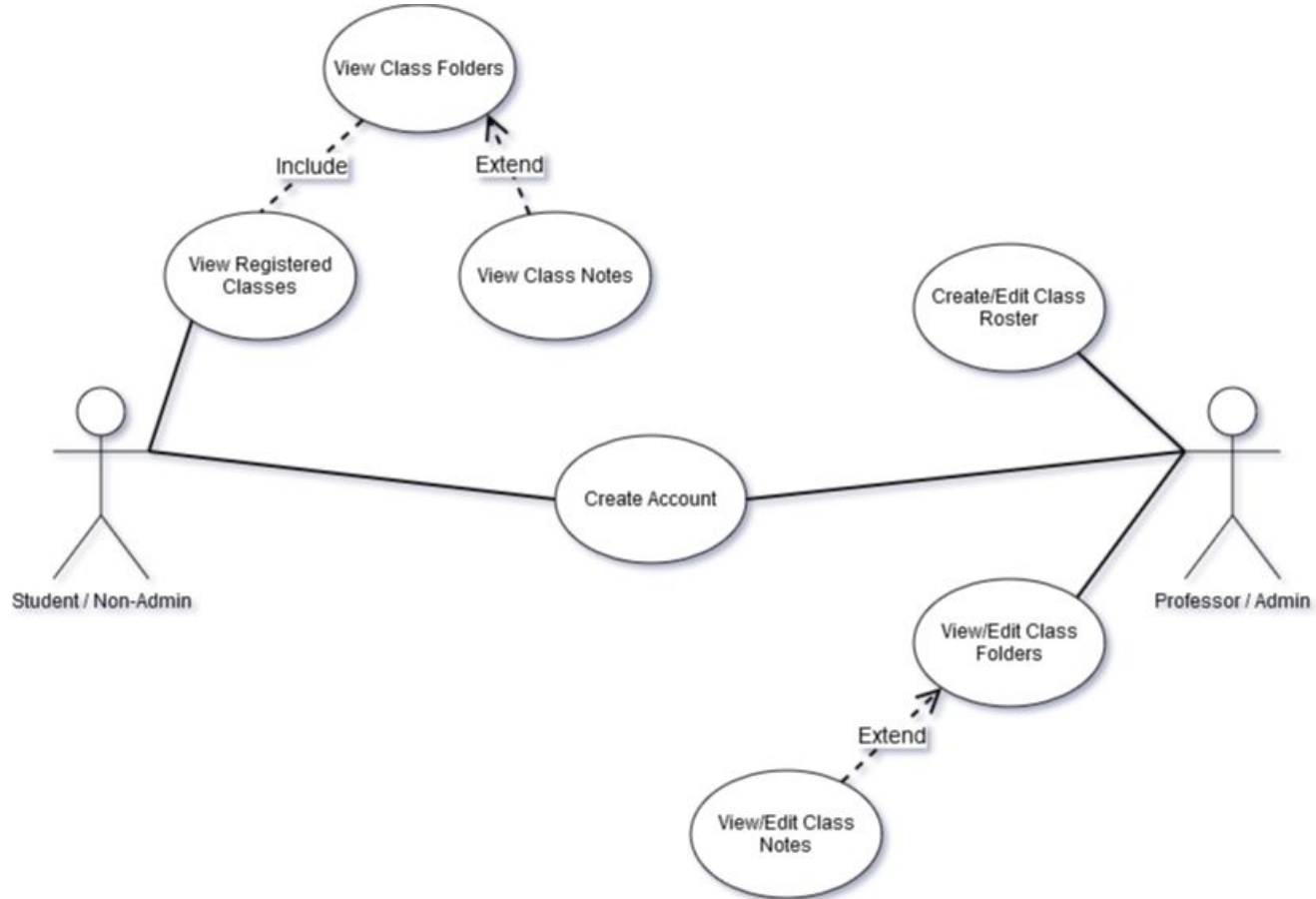
Students

- Method of accessing note folders for your classes made by your professor
- Ability to see folders of all of your registered classes
- View and upload notes from your peers or professor

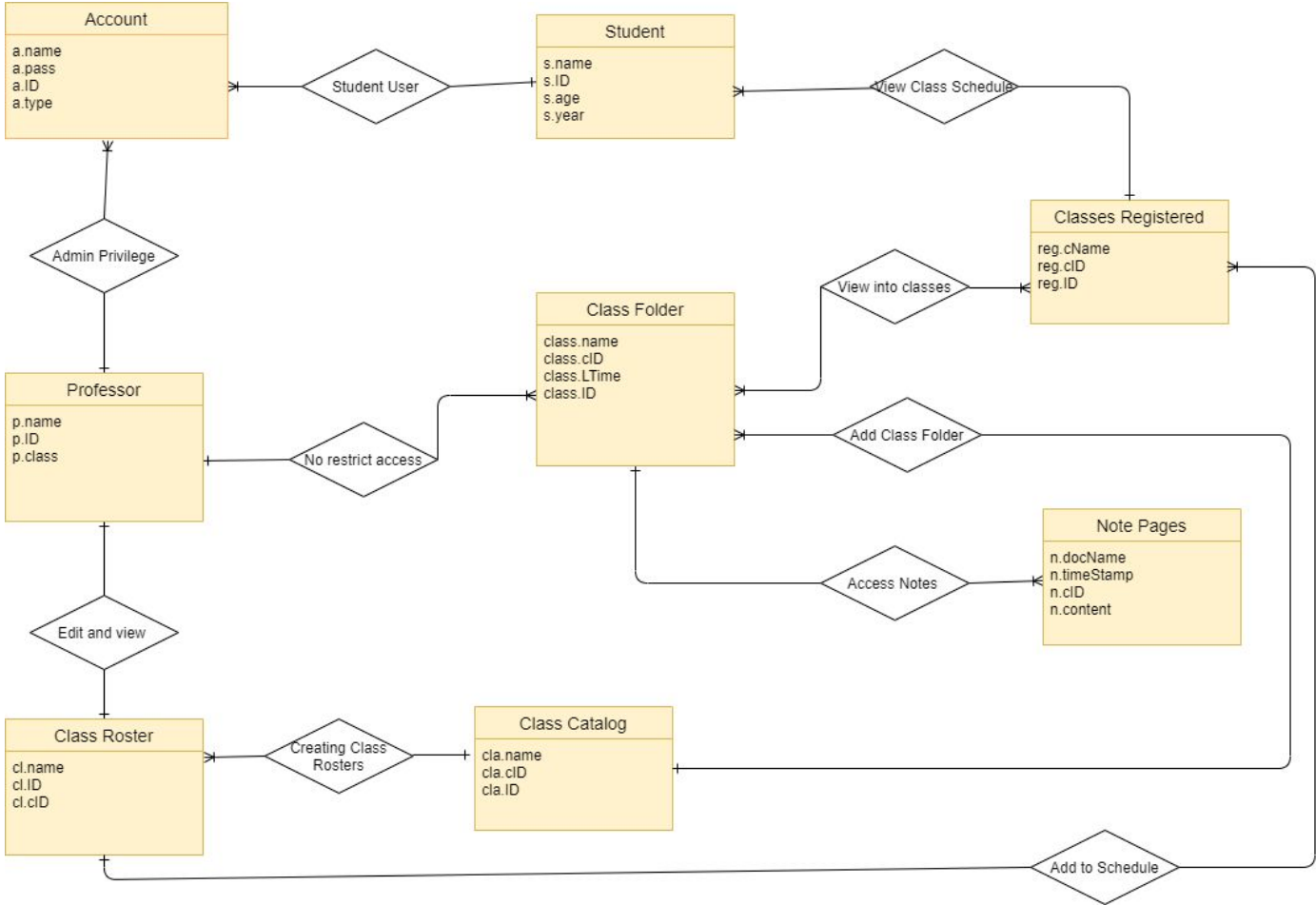
Professor

- Add/Remove students ability to view their class
- Ability to upload and edit class notes or documents for viewing
- Act as the administrator for their class database

Use Case Diagram



E/R Diagram



Relational Schema

ACCOUNT
a_name varchar(50)
a_pass varchar(50)
a_ID Unsigned int
a_type varchar(10)

STUDENT
s_name varchar(50)
s_ID Unsigned int
s_age Unsigned int
s_year Unsigned int

CLASSES REGISTERED
reg_cName varchar(50)
reg_cID Unsigned int
reg_ID Unsigned int

CLASS FOLDER
class_name varchar(50)
class_cID Unsigned int
class_LTime text
class_ID Unsigned int

NOTE PAGES
n_docName varchar(50)
n_timeStamp text
n_cID Unsigned int
n_content text

PROFESSOR
p_name varchar(50)
p_ID Unsigned int
P_class varchar(50)

CLASS ROSTER
Cl_name varchar(50)
cl_ID Unsigned int
cl_cID Unsigned int

CLASS CATALOG
cla_name varchar(50)
cla_ID Unsigned int
cla_cID Unsigned int