

# Shared Class Notebook

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# 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

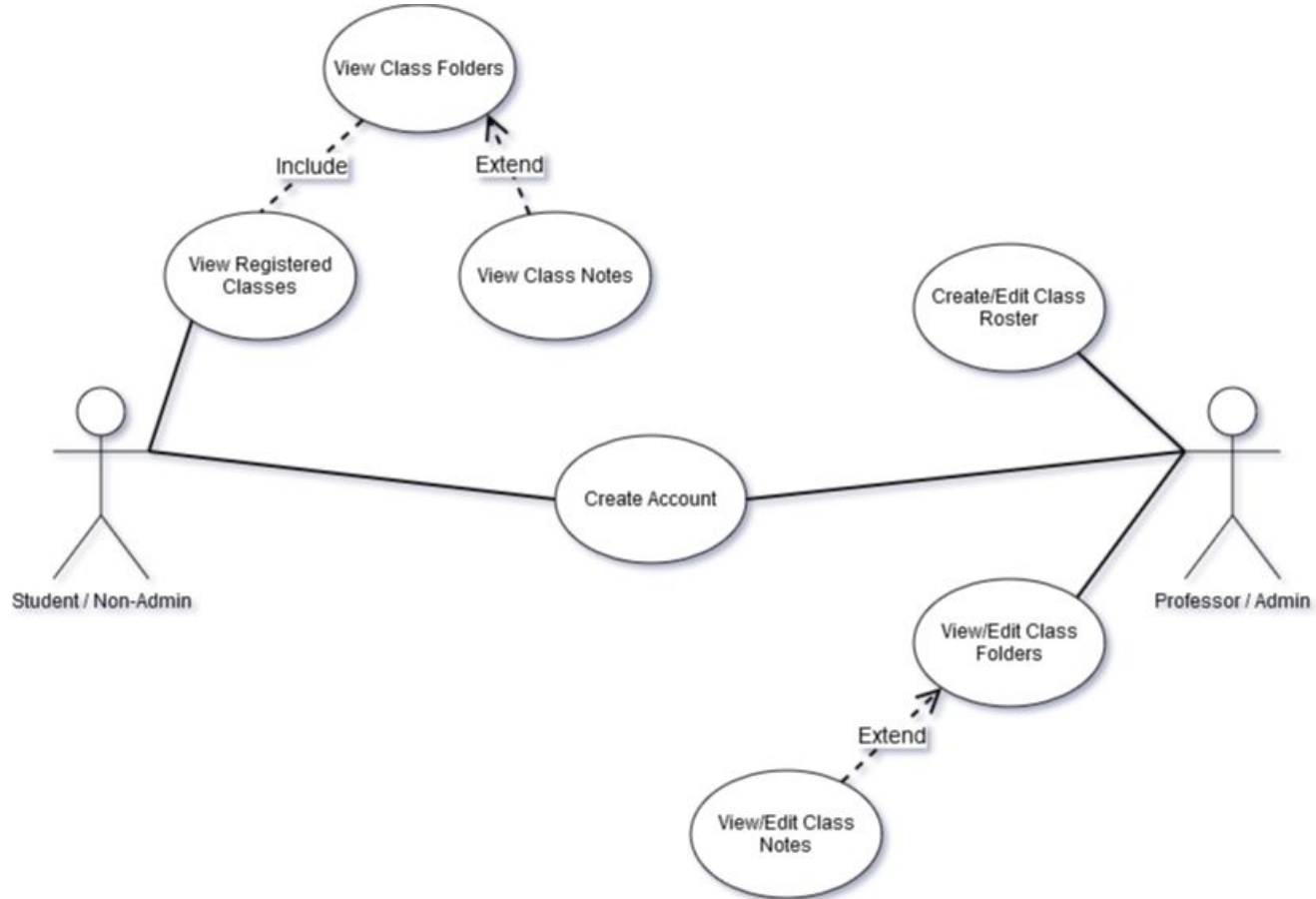
## Students

- 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

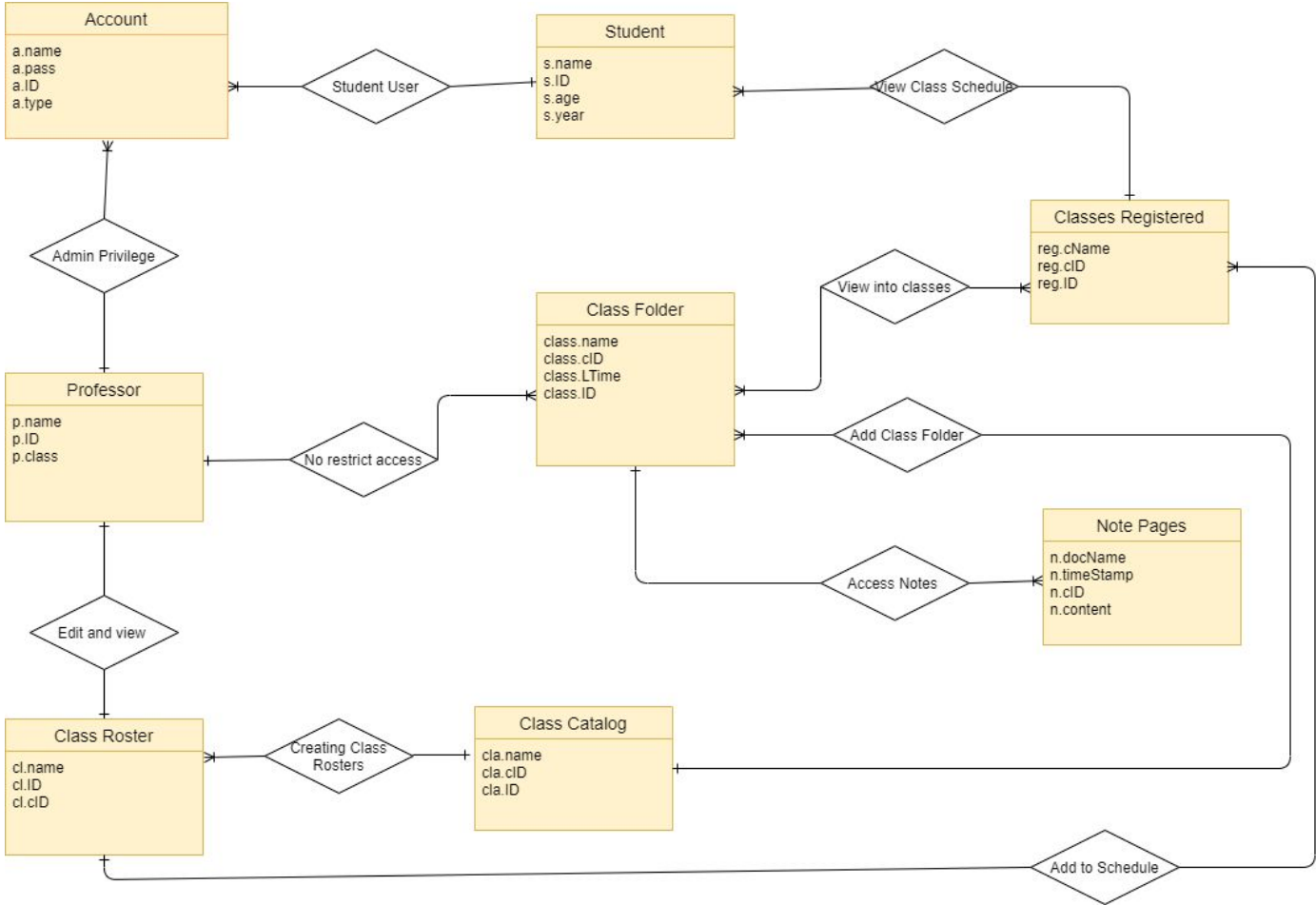
## Professor

- 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
a_pass
<b>a_ID</b>
a_type

STUDENT
s_name
<b>s_ID</b>
s_age
a_year

CLASSES REGISTERED
reg_cName
reg_cID
<b>reg_ID</b>

CLASS FOLDER
class_name
<b>class_cID</b>
class_LTime
class_ID

NOTE PAGES
n_docName
<b>n_timeStamp</b>
<b>n_cID</b>
n_content

PROFESSOR
p_name
<b>p_ID</b>
p_class

CLASS ROSTER
cl_name
cl_ID
<b>cl_cID</b>

CLASS CATALOG
cla_name
<b>cla_cID</b>
cla_ID