TEAM DANT

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Summary

- Our project is based on the El Corral Website.
- System which keeps track of which textbooks that teachers require, which vendors sell those textbooks, and what textbooks were bought by the students.
- We have 3 types of users:
  - Students
  - Professors
  - Vendors

Student

- Can login using Student ID
- Can create a new student account
- Can view required textbooks for his/her courses
- Can choose vendors that offer that textbook to buy from
- Can purchase a book from the selected vendor
- Can log out

Professor

- Can login using Professor ID
- Can create a new professor account
- Can add courses that they are teaching
- Can add textbooks to textbook list
- Can add and delete required textbooks for courses
- Can log out

Vendor

- Can login using Vendor ID
- Can create a new vendor account
- Can offer a new textbook that is not in the database
- Can offer a textbook that is already in the database (and set price)
- Can view offered textbooks
- Can update prices on offered textbooks
- Can "un-offer" textbooks
- Can log out

DEMO TIME

Main Challenges

- Learning Swing
    - JTable database data display
    - Switching between panels
- Collaborative work
    - JDBC login credential variation
    - Git

What We Learned

- How to create a whole system from scratch
- How to integrate SQL into Java
- How to use Swing
- How to collaborate on sizable programming projects
- Database is fun :)