Bookstore

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craft

Contents

New Account

Profile management (Professors Only)

Admin accounts

Database

Professor table

professor_id
▌PARKING LOT

email
▌PARKING LOT

password
▌PARKING LOT

first name
▌PARKING LOT

last name
▌PARKING LOT

Admin table

admin_id
❗ PARKING LOT

email
❗ PARKING LOT

password
❗ PARKING LOT

Semester table

semester_id
PARKING LOT

semester_name
PARKING LOT

Course table

course_id
❚ PARKING LOT

semester_id
❚ PARKING LOT

professor_id
❚ PARKING LOT

name
❚ PARKING LOT

course code
❚ PARKING LOT

Order table

order_id

❚ PARKING LOT

course_id

❚ PARKING LOT

professor_id

❚ PARKING LOT

Book table

book_id
█ PARKING LOT

order_id
█ PARKING LOT

book title
█ PARKING LOT

author
█ PARKING LOT

edition
█ PARKING LOT

publisher
█ PARKING LOT

isbn
█ PARKING LOT

Professor Section

Professor dashboard

View all courses

▌PARKING LOT

View all active orders

▌PARKING LOT

Quickly start a new order

Ordering

New order
█ PARKING LOT

Ask which course the order is for. Create a new order in the database without any associated books. Redirect to edit page to allow the user to add books.

New book
█ PARKING LOT

Accessible from edit page.

Required information:
1. Book title
2. Author
3. Edition
4. Publisher
5. ISBN

Edit order
█ PARKING LOT

Edit page which allows users to add, edit, or delete books in an order.

Delete order
█ PARKING LOT

Edit book
█ PARKING LOT

Delete book
█ PARKING LOT

Course Management

Professors can see a list of all courses

❗ PARKING LOT

Users can edit or delete a course

❗ PARKING LOT

Create a new course

❗ PARKING LOT

Ask for:
- Course name
- Course code
- Semester

Unsorted Features

Unassigned

Admin Section

Admin Emails

Admins can send different types of emails.

Invite a professor to create an account

❚ PARKING LOT

Remind ALL professor to submit an order

❚ PARKING LOT

Broadcast an email to request the professors to submit their book requests by a certain deadline.

On the deadline day, the system automatically sends a reminder email.

Remind a SINGLE professor to submit an order

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Send an invitation email to a professor to request book information (e.g., an individual reminder)

Admin Order Management

Generate a PDF for the final order

❗ PARKING LOT

1. Individual course PDF
2. Individual professor PDF
3. Entire semester's order PDF

View all orders for a given seme

❗ PARKING LOT

Admin dashboard

View all users and their information
❘ PARKING LOT

Create a new semester
❘ PARKING LOT

Account Mangement

Login and Authentication (Professors Only

Login form
❚ CORE FUNCTIONS

Authentication script
❚ CORE FUNCTIONS

Simple Auth. SQL SELECT COUNT WHERE email and password match. Should return 0 or 1.

Password Recovery

1. Ask for email

❗ PARKING LOT

2. Generate a recovery code and send to the email

❗ PARKING LOT

The recovery code should expire after a set amount of time. Recommended at 15 - 30 minutes. Email should only be sent if the emal exists.

3. Confirm that the code is valid and reset password

❗ PARKING LOT

New Account

Required details

CORE FUNCTIONS

1. Email
2. Password
3. First name
4. Last name

Registration script

CORE FUNCTIONS

SQL INSERT

Profile management (Professors Only)

Change password

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Hash and then SQL UPDATE

Edit email, name

❚ PARKING LOT

SQL UPDATE

View email and name

❚ PARKING LOT

Admin accounts

Admin login and authentication
▌ PARKING LOT

Super user
▌ CORE FUNCTIONS

Uses a predefined password

New admin account
▌ CORE FUNCTIONS

Sends an email to a person with a randomly generated password to login.

Required information:
1. Email

Delete admin acco
▌ CORE FUNCTIONS

View all admin accounts
▌ CORE FUNCTIONS

Edit admin accounts
▌ CORE FUNCTIONS