

# Quizme

Carlington Bowley

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Pete Dupigny

Kishon Gerson

Philip Nagel

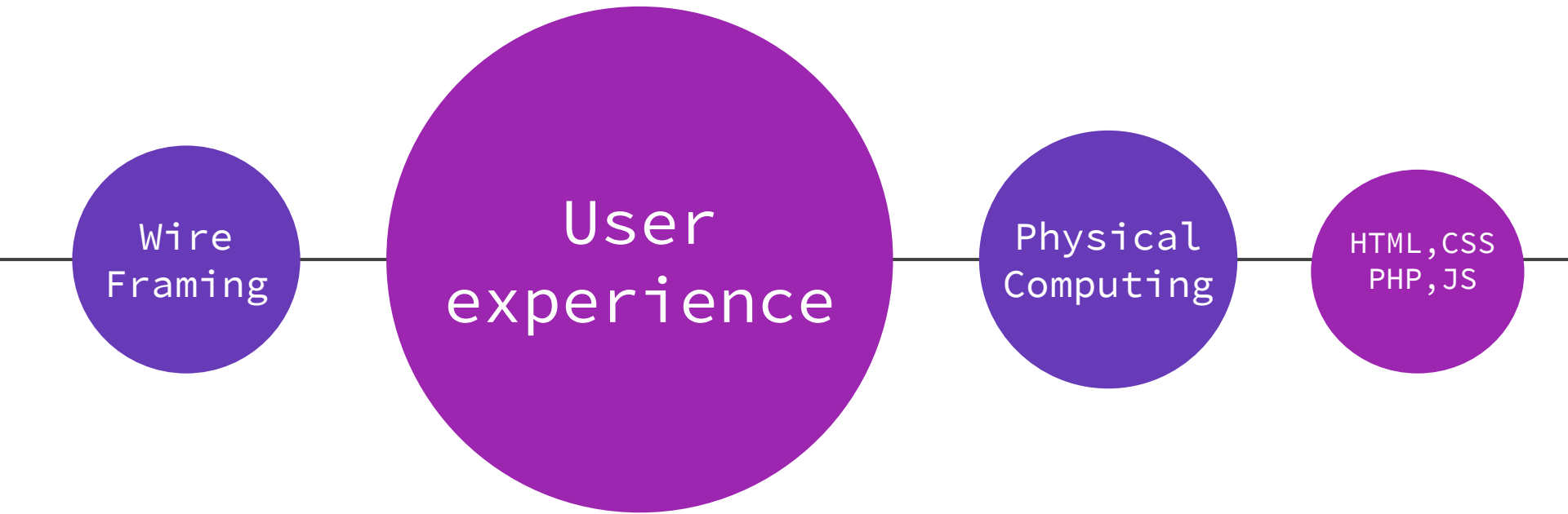
Nikita Patel

# Statement:

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This application's purpose is to create a classroom testing tool. As a template we used a Blackboard as a mock up. We created a Login Page, Professor Page that lets the professor create test questions.

# Design Plan Used:



# Students:

Server: localhost » Database: Software Engineering » Table: Student

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ Showing rows 0 - 5 (6 total, Query took 0.0018 seconds.)

`SELECT * FROM `Student``

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				UID	Full Name	Email	Password
<input type="checkbox"/>	Edit	Copy	Delete	1	Carlington Bowley	cbowley@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	2	Anik Das	adas@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	3	Kishon G	kg@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	4	Nikita Patel	npatel@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	5	Pete Ratman	pratman@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	6	Philip Nagel	pnagel@albany.edu	dc647eb65e6711e155375218212b3964

☐ Check all | With selected: Edit Copy Delete Export

## Student Table

- Stores the login credentials of the student
- Contains a primary key called UID, a full name, an email, and an encrypted password

# Professors:

Server: localhost » Database: Software Engineering » Table: Teacher

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 1 (2 total, Query took 0.0012 seconds.)

```
SELECT * FROM `Teacher`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				UID	Full_Name	Email	Password
<input type="checkbox"/>	Edit	Copy	Delete	1	Jefferson Yates	jyates@albany.edu	dc647eb65e6711e155375218212b3964
<input type="checkbox"/>	Edit	Copy	Delete	2	John Smith	jsmith@albany.edu	dc647eb65e6711e155375218212b3964

☐ Check all | With selected: Edit Copy Delete Export

## Professor Table

- Stores the login credentials of the teacher
- Contains a primary key called UID, a full name, an email, and an encrypted password

# Tests:

Server: localhost » Database: Software Engineering » Table: Test

Showing rows 0 - 1 (2 total, Query took 0.0011 seconds.)

```
SELECT * FROM `Test`
```

☐ Profiling [Edit inline] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	TID	Test_Name
<input type="checkbox"/> Edit Copy Delete	1	Chapter 1 & 2
<input type="checkbox"/> Edit Copy Delete	2	Chapter 3 & 4

☐ Check all With selected: Edit Copy Delete Export

## Test Table

- Contains a primary key called TID, and a unique test name

# Questions:

The screenshot shows a database management tool interface. At the top, it indicates the server is 'localhost' and the database is 'Software Engineering'. The selected table is 'Q&A'. A toolbar contains various icons for database operations like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. A green status bar shows 'Showing rows 0 - 9 (10 total, Query took 0.0013 seconds.)'. Below this, the SQL query 'SELECT \* FROM `Q&A`' is displayed. To the right of the query are links for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'. Below the query, there are controls for 'Show all', 'Number of rows' (set to 25), 'Filter rows' (a search box), and 'Sort by key' (set to None). The main area displays a table with 10 rows of data. Each row has a checkbox, an 'Edit' icon, a 'Copy' icon, and a 'Delete' icon. The table columns are 'Q&A\_ID', 'TID', 'Question', and 'Answer'. The data includes questions like 'What is a bug?', 'What is a sprint?', 'What is an IDE?', etc., with their corresponding answers. At the bottom, there are links for 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'.

	Q&A_ID	TID	Question	Answer
<input type="checkbox"/> Edit Copy Delete	1	1	What is a bug?	Something you must squash
<input type="checkbox"/> Edit Copy Delete	2	1	What is a sprint?	A period of time to complete coding tasks
<input type="checkbox"/> Edit Copy Delete	3	1	What is an IDE?	It is where you write your code
<input type="checkbox"/> Edit Copy Delete	4	1	Is the customer always right?	Not always
<input type="checkbox"/> Edit Copy Delete	5	1	What is the best OOP language?	Java
<input type="checkbox"/> Edit Copy Delete	6	1	Is HTML a programming language?	Absolutely not
<input type="checkbox"/> Edit Copy Delete	7	2	Is the professor always right?	Yes
<input type="checkbox"/> Edit Copy Delete	8	2	You should allow customers to constantly change th...	False
<input type="checkbox"/> Edit Copy Delete	9	22	Why is it important to double check your code?	To see if there are any bugs
<input type="checkbox"/> Edit Copy Delete	10	2	A product backlog be ordered in priority	Yes

## Q&A Table

- Contains a primary key called Q&A\_ID, a foreign key called TID that links the question to the test it belongs to, a question, and an answer

# Sprint Plan:

The screenshot shows a Trello board titled "6543-App" in a Mozilla Firefox browser. The board is organized into five columns: "Getting Setup", "Backlog", "Current Sprint 4", "Sprint 3", and "Sprint 2". The "Getting Setup" column contains three cards for linking accounts (Monday.com, Slack, Trello, and GitHub). The "Backlog" column has two cards: "User accounts: Admin/student" and "Reports". The "Current Sprint 4" column lists tasks for the current sprint: "ser: devise a scheme for user account info...", "File import", "CSS styling", and "Bugs and Functionality checking". The "Sprint 3" column lists tasks for the previous sprint: "Login", "ser: devise a scheme for user account info...", "File import", "CSS styling", and "First pass functional mock-up". The "Sprint 2" column lists tasks for the sprint before that: "DB UML" and "Q/A Bank". Each column has a "New stuff!" button and a "Show Menu" button. The board is owned by "Peter Dupigny" and has a "PR" label.

Activities Firefox Web Browser Wed 16:38

6543-App | Trello - Mozilla Firefox

https://trello.com/b/E8SJmXmI/6543-app

Boards New stuff!

6543-App Personal Private PR AD C KG NP Invite Show Menu

**Getting Setup**

This link is to a monday.com product backlog for our App: <https://6543-app.monday.com>

Slack account 0/1

Trello account 0/1

GitHub account 0/1

+ Add another card

**Backlog**

"User accounts: Admin/student"

Reports

+ Add another card

**Current Sprint 4**

ser: devise a scheme for user account info..."

File import

CSS styling

Bugs and Functionality checking

+ Add another card

**Sprint 3**

Login

ser: devise a scheme for user account info..."

File import

CSS styling

First pass functional mock-up

+ Add another card

**Sprint 2**

DB UML

Q/A Bank

+ Add another card

**Peter Dupigny**

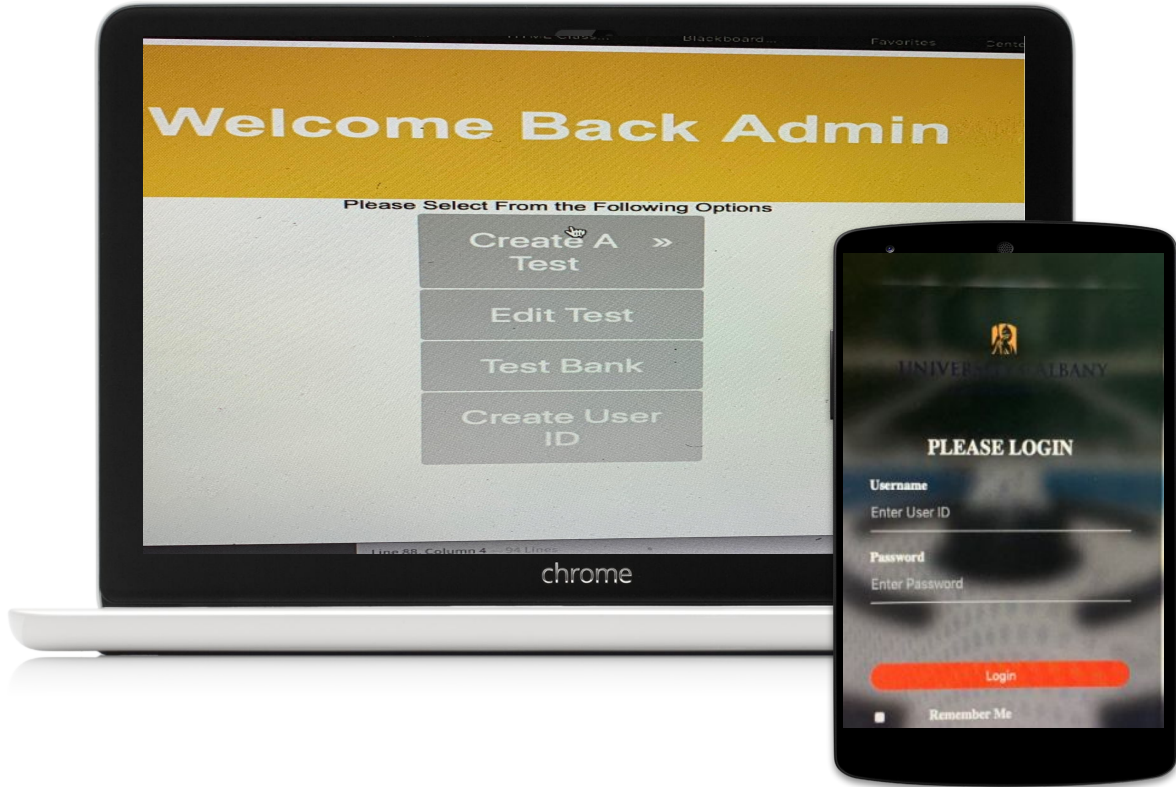
+ Add a card



# HTML Pages:

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With the use of HTML, we created the Login and Administration pages.





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## PLEASE LOGIN

**Username**

Enter User ID

**Password**

Enter Password

Login



Remember Me

# Welcome Back Admin

Please Select From the Following Options

Create A »  
Test

Edit Test

Test Bank

Create User  
ID

# Lessons Learned - What Could Have Been Done Differently:

— — —

- Start every task early
- Project plan task priority
- Generic technology for design development