SERVER-SIDE
WEB DEVELOPMENT

Lecture 10

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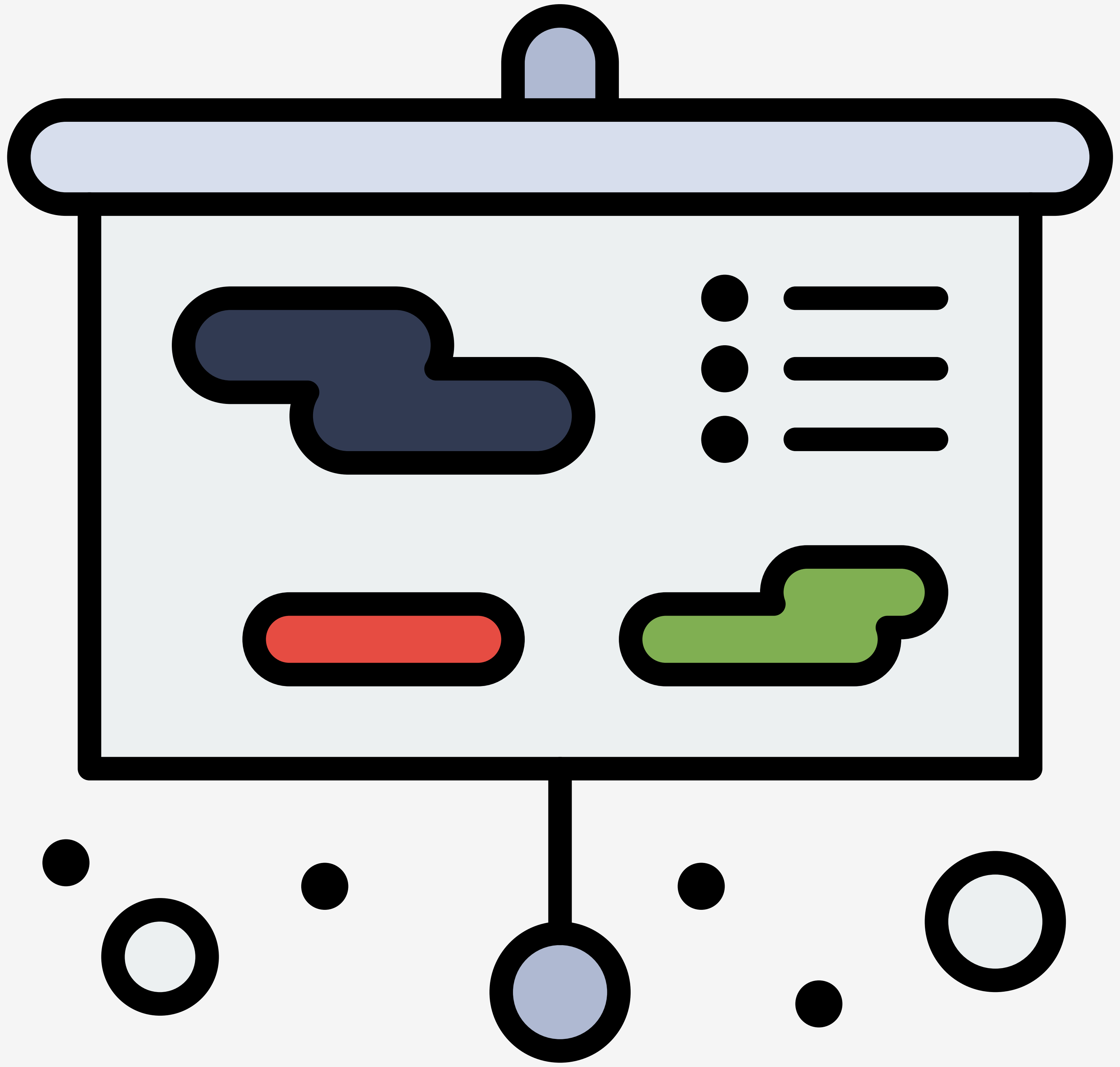
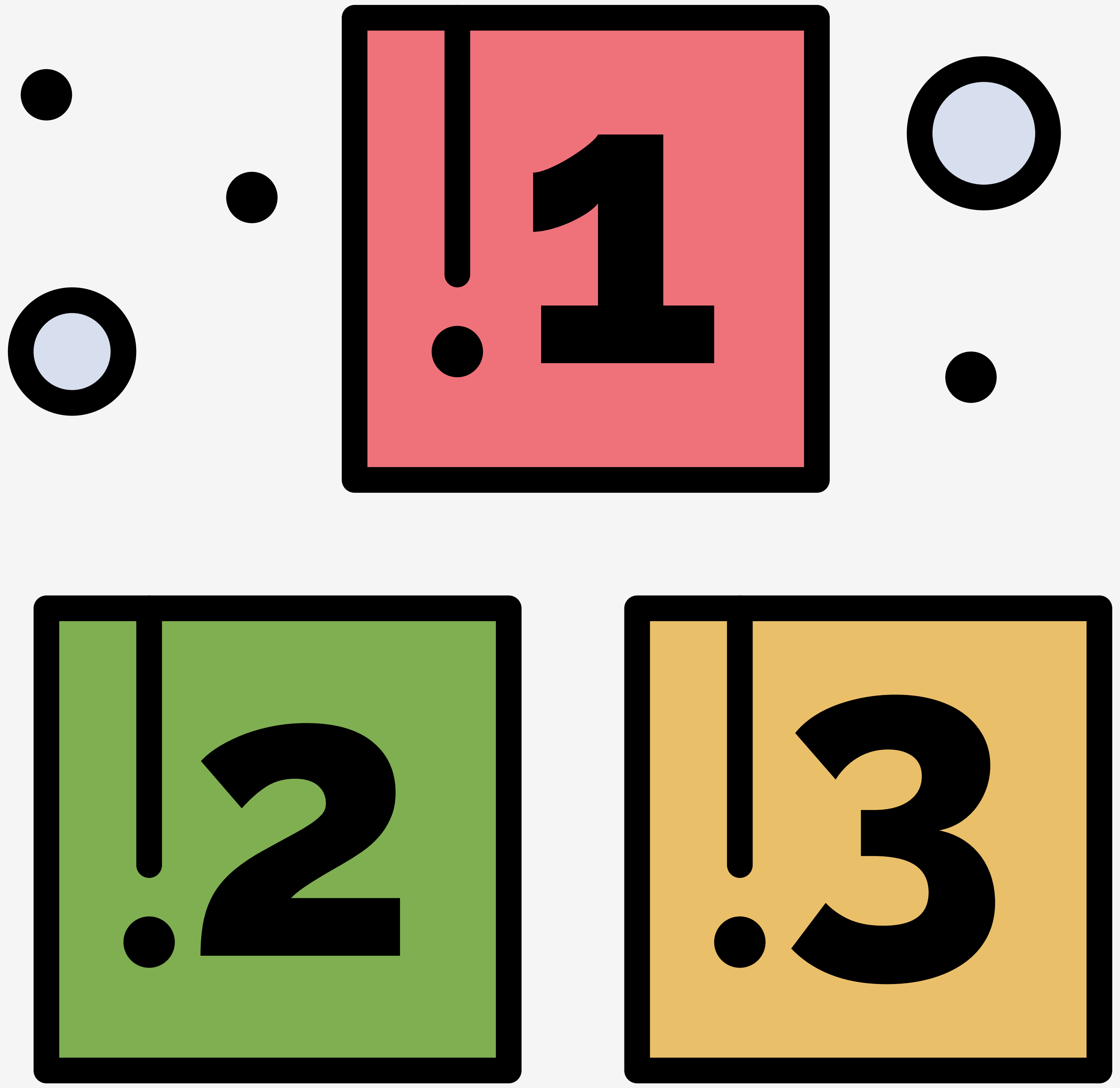
TODAY'S TOPICS



- Authentication

AUTHENTICATION

AUTHENTICATION



- Authentication is the process of verifying a user
- Laravel make it very easy to implement authentication using the `artisan` command
- Laravel authentication does require a users table
- Laravel UI provides a quick way creating an Authentication scaffold

TERMINAL

```
# Install Laravel UI
composer require laravel/ui --dev

# Install authentication
php artisan ui bootstrap --auth

# Install dependencies
npm install

# Create a users table
php artisan migrate
```

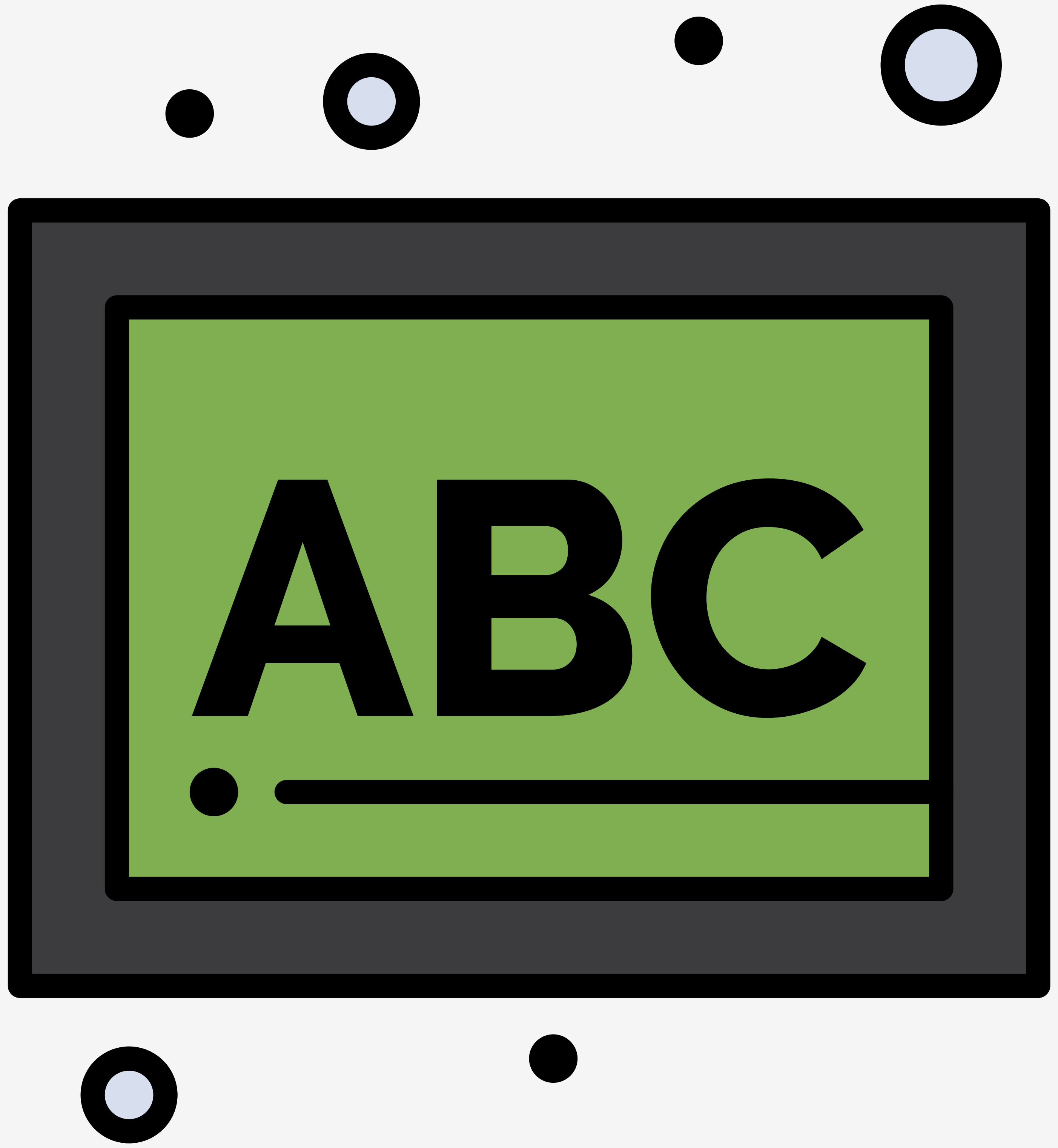
LOGIN
REGISTER
Laravel
DOCS
LARACASTS
NEWS
BLOG
NOVA
FORGE
VAPOR
GITHUB

Laravel
Login
Register
Login
E-Mail Address
Password
□ Remember Me
Login
Forgot Your Password?

Laravel
Login
Register
Register
Name
E-Mail Address
Password
Confirm Password
Register

WORKING WITH USERS

WORKING WITH USERS



- Laravel makes it easy to get information about the currently authenticated user
- The `Auth` class is used to retrieve data about a user
- It is also possible to restrict pages to authenticated users through the use of middleware

USERS

```php
// BooksController.php
public function index () {
  $books = Book::where('user_id', Auth::id());
  return view(books,['books', $books])
}
```

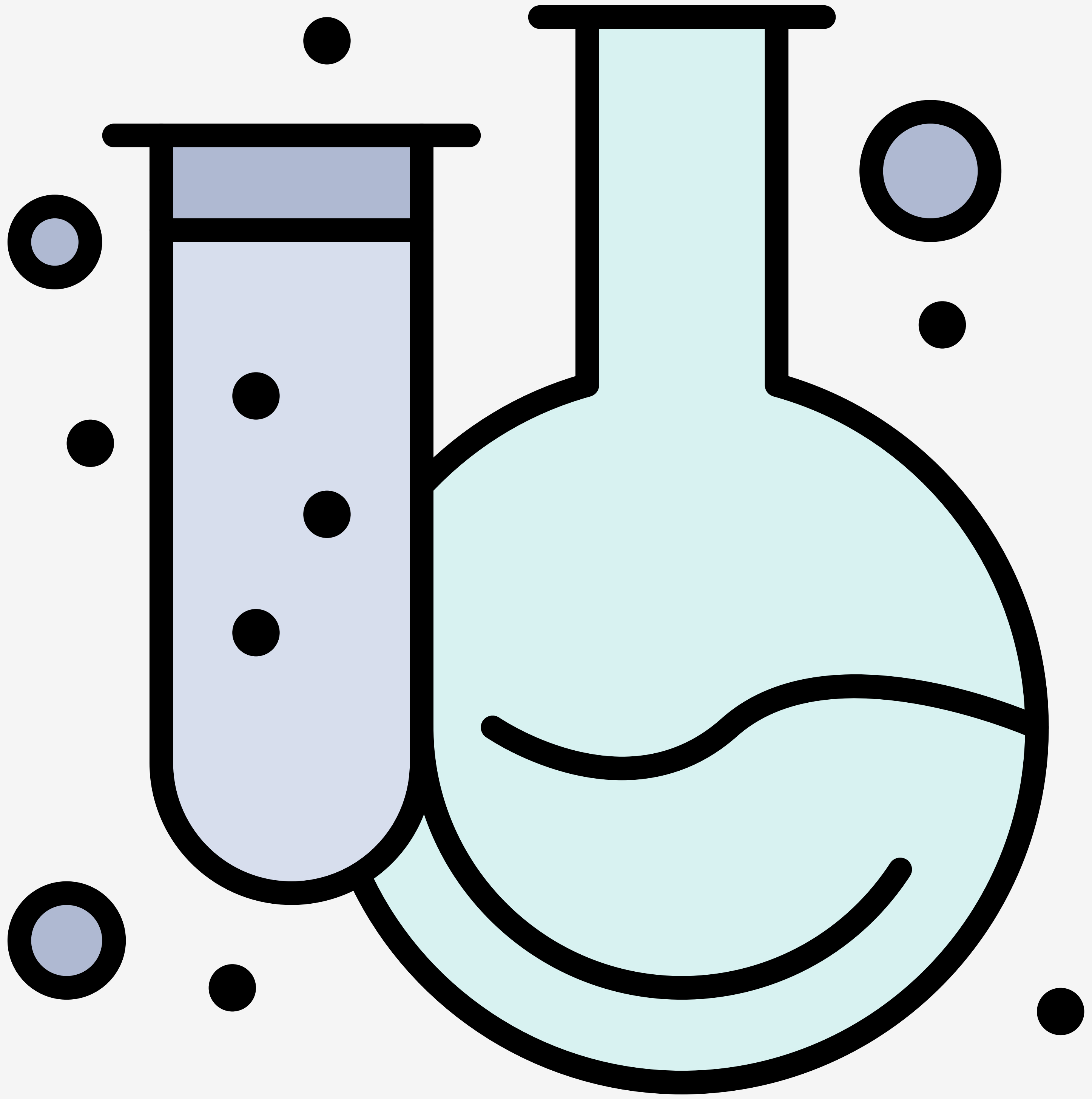
```html
<!-- books.blade.php -->
<h1>{{ Auth::user()->name }}'s Books</h1>
<ul>
  @foreach ($books as $book)
  <li>{{ $book->title }}</li>
  @endforeach
</ul>
```

RESTRICT ACCESS

```php
// web.php
Route::get('/books', 'BooksController@index')
  ->middleware('auth')
```

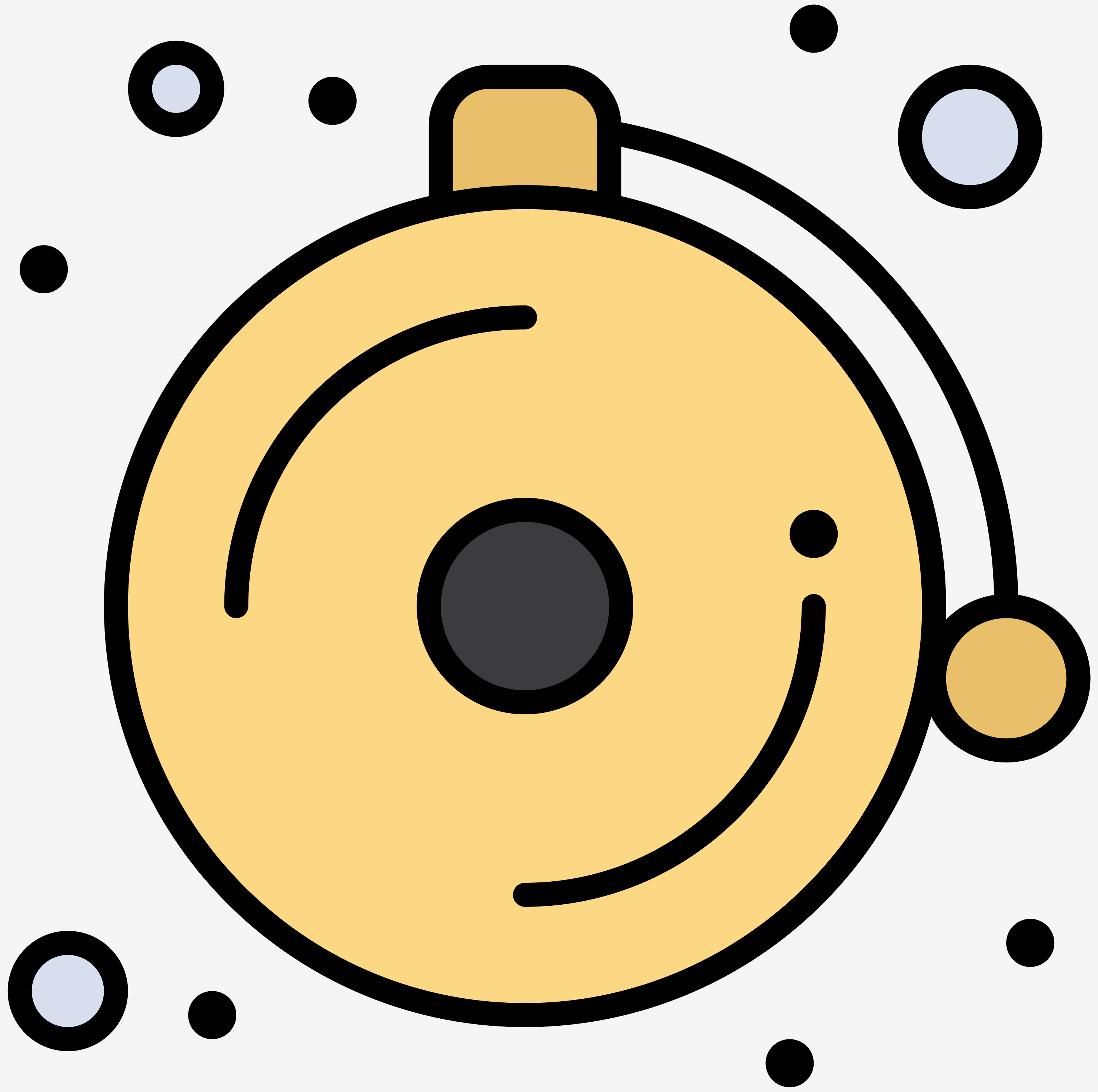
```php
// BooksController.php
public function __construct() {
    $this->middleware('auth');
}
```

FINAL PROJECT REFLECTION



- Reflect and write about
  - How you completed the project
  - What problem you faced
  - What you learned
- *DUE:* **Wed. Aug. 12 @ 11:59 PM**

NEXT TIME...



- Work Period - *NEXT WEEK*
- Office Hours

- Due: Hybrid #4 - *NEXT WEEK*
- Due: Task Manager - Aug. 12
- Due: Final Project Reflection - Aug. 12