

About Taktika:

Taktika is a Jordanian for-profit educational platform offering open online courses under many categories including but not limited to Finance, Human Resources, Pharma Plant Practices, Sales and Marketing.

Technical Specifications:

The Project has an admin dashboard that has a secure login with username and password, the dashboard do all of the following functionalities:

- Manage Admin (Create Read Update Delete).
- Manage Category: admin can Create Read Update Delete categories, they will appear in the public site with the image provided for them in the dashboard.
- Manage Courses: Create Read Update Delete courses, and each product is linked to a specific category.
- Manage Units: Create Read Update Delete units and each unit is linked to a specific course.
- Manage Lessons: Create Read Update Delete lessons and each lesson is linked to a specific course.
- Manage Orders: the admin can see orders for each user and can only view them.

- Manage Users (Create Read Update Delete).

The Project has a public website as well, the public site has all of these :

- Contain nav bar with login, register, and cart buttons.
- Hero Image with a call to action button and a brief about taktika.
- The main categories in the website, and they all are clickable.
- Latest courses section.
- When the user click on a single category, he will be directed to grid view that will show all the courses assigned to this category
- When the user click on a course, he will be directed to a single page for the course, to see all its information and its add to cart button.
- The cart page will show all the items inside the cart, and the user can delete any of them.
- In checkout page will check if the user logged in or not, if yes he can proceed, otherwise he will need to register/login to complete the purchase process.
- Each user can view his courses.

Obstacles:

- Multi Forgot password feature (admin & user)
- Multi login systems (admin & user)
- Database Tables Structure (courses/lessons/units)
- One order can hold more than one course simultaneously
- Users can't watch the course content unless he bought it.
- Apply credit cards payment using stripe.

Security:

- Used regex on registration form.
- Used csrf protection to avoid Cross Site Request Forgery.
- Followed the Laravel best practices methods on each form (Delete, Post, Put, Get)
- Used a secure payment gateway (stripe).
- Hashing passwords.
- Limited time links - forgot password feature

Research points:

- Multi Forgot Password feature (admins & users)
- Business logic for similar websites
- Sweet alerts usage. (<https://realrashid.github.io/sweet-alert/>)
- Email Notifications.
- Stripe payments (<https://stripe.com/docs>)

Test Cases:

Many test cases have been implemented on many features throughout the website, for example the registration form was tested for every single case that may happen, from leaving some blank input fields, inserting wrong data formats, ignoring some essential regex rules to submitting a blank form. Similarly, all the other admin dashboard and public website forms were treated and tested for every single possible case.

Other tests were inducted as well to make sure that payments are done securely and that the stripe payment system check the balance of the credit card and deduct the amount before the payment is accepted.

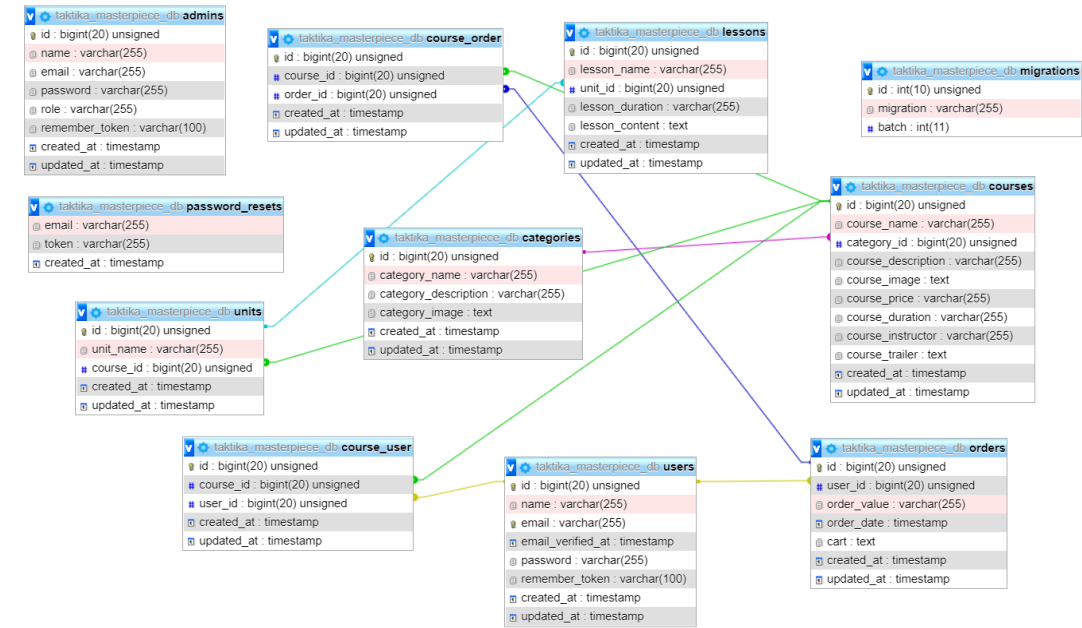
Finally, in the forgot password feature, some tests were done, including but not limited to checking if the requested email from the user exists

in the database and if it exists, then an email will be sent to his email address with his personal changing password link.

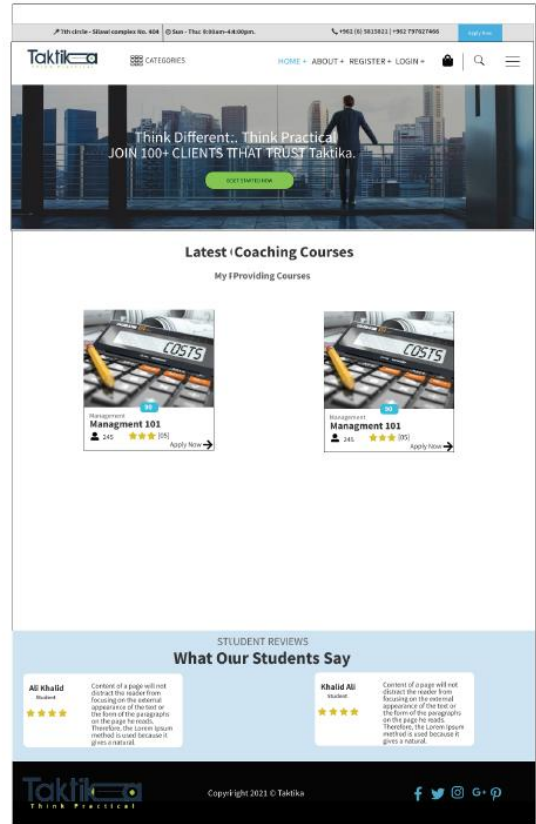
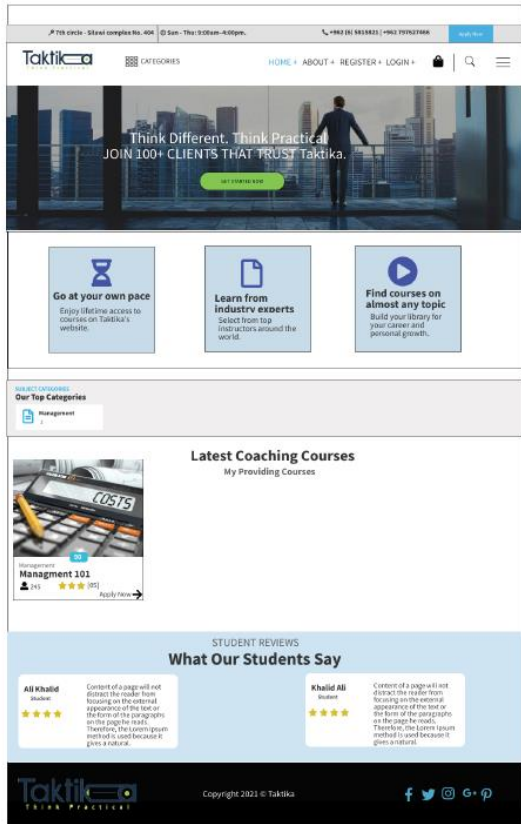
Used Technologies:

- Laravel 5.8
- MySQL
- jQuery / Javascript
- HTML5
- CSS3
- Bootstrap

Database Diagram:



Project Mock-up:



ahmad's courses



Management

Instructor: Ali Khaled

Managment 101

[Resume course >>](#)

Overview

Curriculum

Instructor

Faq

Reviews

Managment 101 - First Unit



Management 101 - First Unit - Leeson 1

55 minutes



Management 101 - First Unit - Lesson 2

10 minutes



Instructor

Ali Khaled



Lectures

2



Assessments

Yes

90

Add To Cart

Login

Email

Password

LOGIN

[Forgot Your Password?](#)

Not registered? [Create an account](#)

