

**ITIS 5166**

**Project 2 MVC Web Application**

**Fit Trade**

Submitted by:  
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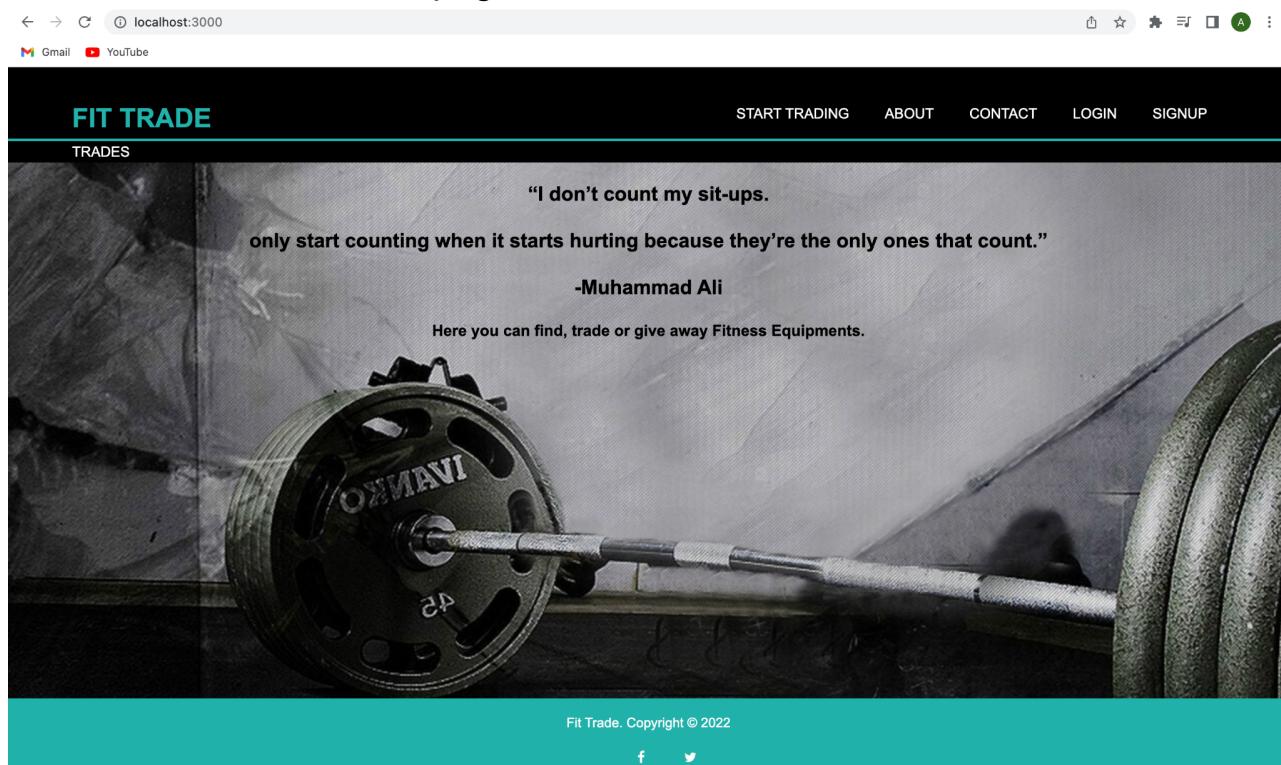
**Introduction:**

This is the MVC web application of Fit Trade. Here users can check out fitness equipment which they can trade.

## 1. A screenshot and route of each of your application's pages displayed in your browser.

### 1. index.ejs -

Route - router.get('/', controller.index);  
GET API to fetch index page



## 2.trades.ejs

Route - tradeRouter.get('/',controller.trades);

GET API to get Category and trade item's names from item.js data array

The screenshot shows a web browser window with the URL 'localhost:3000/trades'. The page has a dark header with 'FIT TRADE' in white. Below it is a navigation bar with links: START TRADING, ABOUT, CONTACT, LOGIN, and SIGNUP. A 'TRADES' link is also present. The main content area is titled 'Categories' and features two sections: 'Cardio' and 'Weights'. The 'Cardio' section includes images of an elliptical machine, a stationary bike, and a treadmill. The 'Weights' section includes images of dumbbells and barbell plates. At the bottom of the page is a teal footer bar with the text 'Fit Trade. Copyright © 2022' and social media icons for Facebook and Twitter.

localhost:3000/trades

FIT TRADE

TRADES

Categories

Cardio

- TREADMILL
- CROSS TRAINERS
- RECLINE BIKES

Weights

- DUMBBELLS
- FIXED BARBELLS
- PLATE WEIGHTS

Fit Trade. Copyright © 2022

### 3.trade.ejs

Route - tradeRouter.get('/:id', controller.trade);

GET API to get information of selected trade item based on it's ID.

tradeRouter.delete('/:id', controller.delete);

DELETE API to delete trade item on “Delete” button click.

The screenshot shows a web browser window with the URL 'localhost:3000/trades/1'. The page has a dark header with 'FIT TRADE' and navigation links for 'START TRADING', 'ABOUT', 'CONTACT', 'LOGIN', and 'SIGNUP'. Below the header, there's a section titled 'TRADES' featuring an image of a treadmill. To the right of the image, the word 'Treadmill' is displayed. A call-to-action box on the right asks 'Are you interested in this item?' with 'Trade it' and 'Rate it' buttons. At the bottom of the page, there are 'Edit' and 'Delete' buttons, and a footer with copyright information and social media links.

#### 4.newTrade.ejs

Route - tradeRouter.get('/newTrade',controller.newTrade);

GET API to fetch new trade form.

tradeRouter.post('/',controller.create);

POST API to save new trade data in an array on button click.

The screenshot shows a web browser window with the URL `localhost:3000/trades/newTrade` in the address bar. The page has a dark header with the text "FIT TRADE" and "TRADES". Below the header, there's a section titled "Create your Trade!". It contains five input fields: "Category" (placeholder: "Enter Category"), "Title" (placeholder: "Enter Title"), "Details" (placeholder: "Write Details"), "Weight" (placeholder: "Enter Weight"), and "Color" (placeholder: "Enter Color"). At the bottom of the form is a blue "Create Trade" button. At the very bottom of the page is a teal footer bar with the text "Fit Trade. Copyright © 2022" and icons for Facebook and Twitter.

## 5. editTrade.ejs

Route- tradeRouter.get('/:id/edit', controller.edit);  
GET API to fetch edit trade form.

tradeRouter.put('/:id', controller.update);  
PUT API to update trade item data based on it's id.

The screenshot shows a web browser window with the URL `localhost:3000/trades/4/edit?` in the address bar. The page title is "FIT TRADE". The main content area is titled "Edit your Trade!". It contains fields for "Category" (Weights), "Title" (Dumbbells), and a "Details" text area (describing the frame design). Below these are fields for "Weight" (10 Pounds) and "Color" (Pink). A green "Update Trade" button is at the bottom. The footer is teal with the text "Fit Trade. Copyright © 2022" and social media links for Facebook and Twitter.

localhost:3000/trades/4/edit?

FIT TRADE

TRADES

START TRADING   ABOUT   CONTACT   LOGIN   SIGNUP

Edit your Trade!

Category  
Weights

Title  
Dumbbells

Details  
The frame design after the multi-layer process, equipped with anti-collision safety materials, and the impact absorption angle structure can disperse severe impacts.

Weight  
10 Pounds

Color  
Pink

Update Trade

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## 6. about.ejs

Route - router.get('/about',controller.about)

GET API to fetch About page

localhost:3000/about

Gmail YouTube

**FIT TRADE**

TRADES

**About Us**

Welcome to Fit Trade, your number one source for all Fitness equipments.

We're dedicated to giving you the very best of fitness equipments, with a focus on variety and good quality.

Founded in 2022 by Ankita, Fit Trade has come a long way from its beginnings.

We hope you enjoy our products as much as we enjoy offering them to you.

If you have any questions or comments, please don't hesitate to contact us.

Sincerely, Ankita

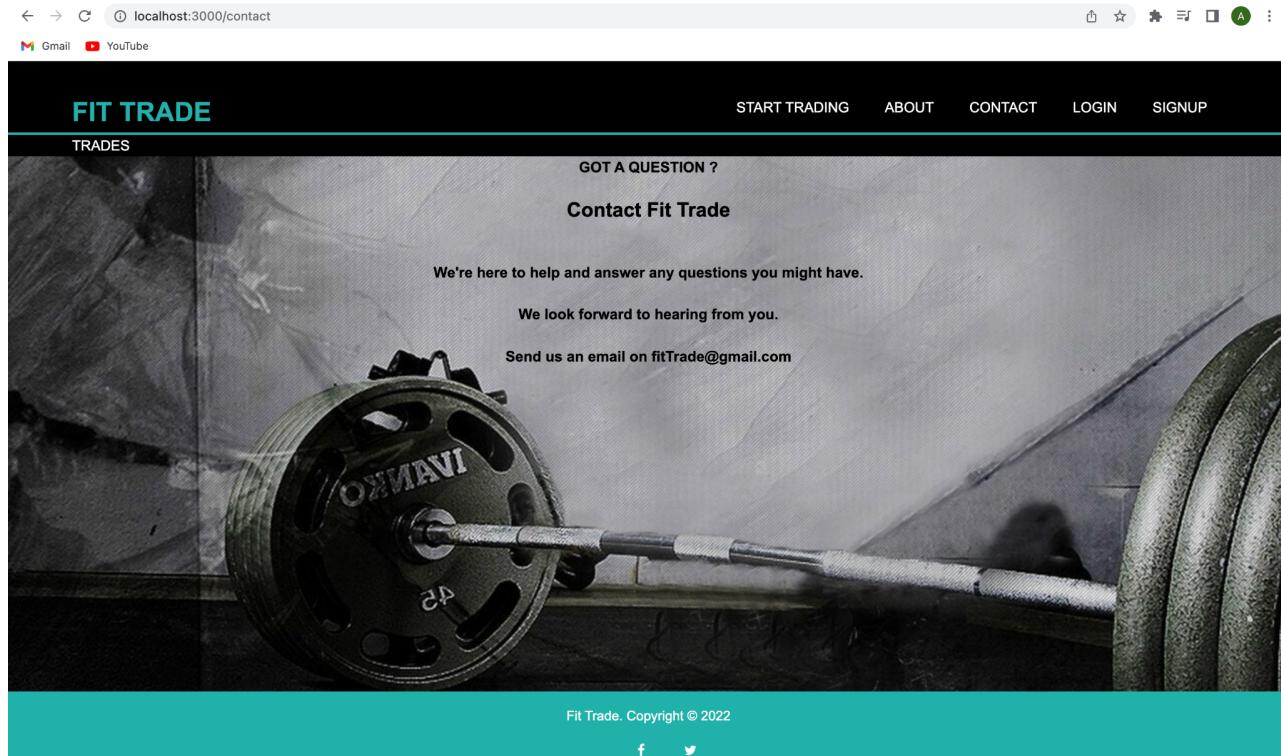
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7. contact.ejs

Route - router.get('/contact',controller.contact)

GET API to fetch Contact page



## 2. Explanation of additional features, if any.

Ans: None

## 3. Explanation of status, stopping point, and issues if incomplete.

Ans: None

**4. What were the most challenging parts of the assignment? How did you overcome all or some of those challenges?**

Ans: None.

**5. What were the most exciting/interesting concepts you encountered while completing this project?**

Ans: Converting the whole project into MVC structure was the most interesting concept.