



Cairo University  
Faculty of Engineering  
Technical Center for Career Development



# Frontend - Level 2 Recruitment Task

Under the supervision of:

**Dr. Samah EL-Shafiey**



## Welcome Candidate,

### Before you start:

Please note that it's completely fine if you're unable to complete every part of the task. Just focus on doing your best — we're more interested in seeing how you approach problems, your logic, and your technical mindset. Effort, structure, and clarity matter more than perfection.

Please submit the task **within 2 days** from receiving the email.

### Task Description

This task involves building a frontend implementation of a Product Listing Page for an E-Commerce system using **React**. The goal is to display a set of products in a clean, organized, and user-friendly layout.

Each product should display the following information:

- Product name
- Price
- Description
- Category
- Product picture

Additionally, each product must have two clear action indicators:

- One to **add the product to the cart**
- One to **view the product's details page**

**Note:** You are **NOT** required to implement any other pages, **ONLY** the logic of the cart item current count being displayed in any clear fashion.

In addition to the listing the following should be implemented:

- The Page should be responsive and highly compatible for different devices such as phones and tablets providing a smooth and consistent feel in all views.
- All fetched data is to be fetched from any public API for products and fetching logic and display of data should be smooth and performant.

**Note:** This is the link for an API you can use: <https://fakestoreapi.com/docs>

### Assessment Criteria

Focus should be on delivering a clean and functional UI with an emphasis on core frontend practices. The following criteria will be used to assess the implementation:

- **Main functionality:** All requirements should be implemented to achieve the minimum goal of displaying data in a performant and visually appealing manner.
- **Consistent color usage and contrast:** Choose a palette with readable, balanced contrasts across all elements.
- **Simple and intuitive UX:** The layout should be easy to navigate and understand, with clearly labeled actions.
- **Responsive Design:** The page should be usable on different devices.
- **Efficient use of react features:** hooks and components should be utilized in the standard best practices and components should be generic and reusable.



## Bonus Points

Some additional features can be added for bonus points to challenge your skills and push yourself above the competition. Some of the bonuses include:

- Implement filtering options by name, price range, and category (4 points)
- Use **typescript** for prop typing, validations, and creating interfaces for complex data entities (4 points)
- Styling using **Tailwind CSS** isolating each component into operational, responsive units of service (4 points)

## Deliverables

- A single URL for a github repo containing the code.
- Your code should be runnable locally and the repo should be public and has only your contributions from your account.
- Use this [Link](#) to submit Task

**Note:** Any pushes or contributions made from any other accounts will result in instant Disqualification and blacklisting from joining any other committees in TCCD.

Wishing you the best of luck — we are excited to see what you bring to the team!