Toy Shopping App Development one page report

Render URL: https://soloassessment3.onrender.com

Git URL: https://github.com/rz871256465/soloassessment

superuser account: huang871256465

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Introduction:

The Toy Business Platform is an e-commerce website that enables toy manufacturers to promote and sell their products to customers worldwide. This platform has been developed using Django, a popular Python web framework, and includes several features such as user registration, login, shopping cart, and product search. The purpose of this one-page report is to provide an overview of the platform's code structure, models, views, data visualization, and development.

Code Structure:

Models:

The platform includes three models, namely shopping_index, Shopping_detail, and cart. The shopping_index model contains the product information such as the product name, manufacturer, price, and image. The Shopping_detail model contains the purchase history of each product, including the date of purchase, location, and customer rating. The cart model stores the products added by the customer to the cart.

Views:

The platform has several views that are responsible for rendering the HTML templates and handling user requests. The index view renders the home page of the platform, while the shoppingindex view displays all the products available for sale. The shoppingdetail view displays the purchase history of each product, and the product_by_name view displays the details of a specific product. The add_to_cart and remove_from_cart views handle the addition and removal of products from the cart.

Data Visualization:

The platform has a dashboard that displays the sales statistics of each product. The dashboard is implemented using Django's built-in admin interface and displays the number of products sold,

the revenue generated, and the average rating.

Development:

The Toy Business Platform was developed using Python, Django, HTML, CSS. The platform was developed using agile methodology, with frequent code reviews and testing. The development process involved building the database schema, implementing the views, and designing the HTML templates.

Conclusion:

The Toy Business Platform is an e-commerce website that enables toy manufacturers to promote and sell their products to customers worldwide. The platform was developed using Django, a popular Python web framework, and includes several features such as user registration, login, shopping cart, and product search. The platform has a standard Django project structure and includes three models, several views, and a dashboard for sales statistics. The platform was developed using agile methodology, with frequent code reviews and testing.