玩具积木工厂系统操作手册

摘要

玩具积木工厂系统主要实现了玩具积木订单的创建、发票报表生成、切割清单报表生成及涂装报告生成功能。

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目录

1 项目描述

玩具积木工厂系统主要实现了玩具积木订单的创建、发票报表生成、切割清单报表生成及涂装报告生成功能。

2 操作手册

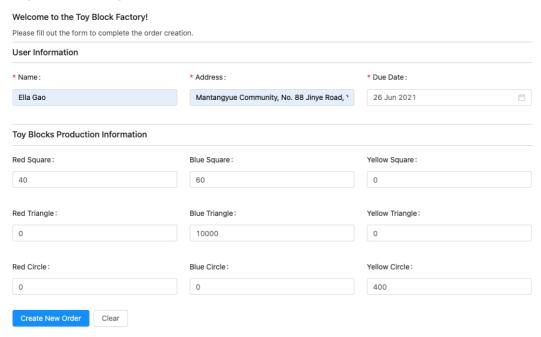1) 在本地启动项目（具体请参考项目运行），在浏览器中输入连接 http://localhost:3000/ ，可以看到项目主界面的创建订单表单，如图一；

图一

2) 添加订单，在表单中添加订单相关信息，如图二；

图二

Name，Address，Due Date 为必填项，若未填写，点击 Create New Order 会触发错误校验， 如图三。

Name 最大字符串输入长度为 100，Address 最大字符串输入长度为 200。

图三

积木块数量为选填，如果积木块加和为 0，会触发错误校验，如图四，每种类型积木块最小为 0，最大为 10000000000000000000。

Toy Block Factory Kata

Welcome to the Toy Block Factory!

Please fill out the form to complete the order creation.

> ⊗ **Error**
> The number of toy blocks should not be empty.

User Information

* Name：	* Address：	* Due Date：
Ella Gao	Mantangyue Community, No. 88 Jinye Road, ˇ	27 Jun 2021

Toy Blocks Production Information

Red Square：	Blue Square：	Yellow Square：
0	0	0

Red Triangle：	Blue Triangle：	Yellow Triangle：
0	0	0

Red Circle：	Blue Circle：	Yellow Circle：
0	0	0

Create New Order   Clear

图四

点击 Create New Order 按钮，创建订单，可以看到，根据用户输入信息，生成了发票报表、切割清单报表及涂装报告， 如图五。

Toy Block Factory Kata

Welcome to the Toy Block Factory!

Please fill out the form to complete the order creation.

✓ **Success**
The order create successfully.

User Information

* Name :	* Address :	* Due Date :
Ella Gao	Mantangyue Community, No. 88 Jinye Road, Y	26 Jun 2021

Toy Blocks Production Information

Red Square :	Blue Square :	Yellow Square :
40	60	0

Red Triangle :	Blue Triangle :	Yellow Triangle :
0	10000	0

Red Circle :	Blue Circle :	Yellow Circle :
0	0	400

[Create New Order] [Clear]

Your invoice report has been generated:

Name:	Ella Gao
Address:	Mantangyue Community, No. 88 Jinye Road, Yanta District, Xi'an City, Shaanxi Province
Due date:	26 Jun 2021
Order #:	56558

	Red	Blue	Yellow
Square	40	60	–
Triangle	–	10,000	–
Circle	–	–	400

Squares	100 @ $1 ppi = $100
Triangles	10,000 @ $2 ppi = $20,000
Circles	400 @ $3 ppi = $1,200
Red color surcharge	40 @ $1 ppi = $40
Total:	$21,340

Your cutting list has been generated:

Name:	Ella Gao
Address:	Mantangyue Community, No. 88 Jinye Road, Yanta District, Xi'an City, Shaanxi Province
Due date:	26 Jun 2021
Order #:	56558

	QTY
Square	100
Triangle	10,000
Circle	400

Your painting report has been generated:

Name:	Ella Gao
Address:	Mantangyue Community, No. 88 Jinye Road, Yanta District, Xi'an City, Shaanxi Province
Due date:	26 Jun 2021
Order #:	56558

	Red	Blue	Yellow
Square	40	60	–
Triangle	–	10,000	–
Circle	–	–	400

3) 清空表单及报表，点击 Clear 按钮，清空表单报表，如图六。

Toy Block Factory Kata

Welcome to the Toy Block Factory!

Please fill out the form to complete the order creation.

User Information

* Name:	* Address:	* Due Date:
Please enter name	Please enter address	Please enter due date

Toy Blocks Production Information

Red Square:	Blue Square:	Yellow Square:
0	0	0

Red Triangle:	Blue Triangle:	Yellow Triangle:
0	0	0

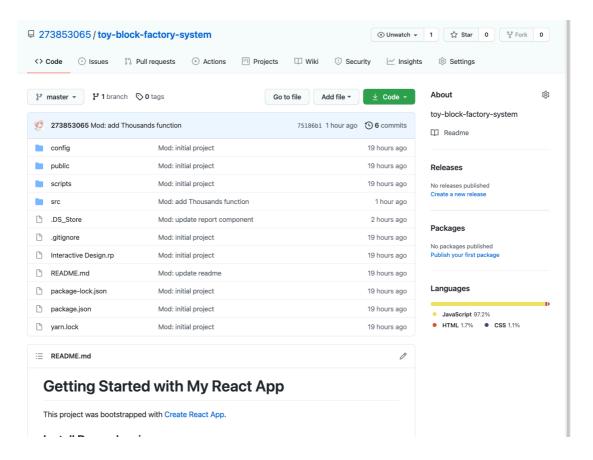| Red Circle:	Blue Circle:	Yellow Circle:
0	0	0

Create New Order   Clear

图六

3 项目运行

我将项目上传到了 github 上，项目地址为：

https://github.com/273853065/toy-block-factory-system

代码分支为 master。

图七

首先下载代码：

git clone git@github.com:273853065/toy-block-factory-system.git

下载对应的依赖包，在本地执行：

npm install

启动：

yarn start

启动项目，http://localhost:3000/