TOY BLOCK FACTORY SYSTEM OPERATION MANUAL

Abstract

The toy block factory system mainly realizes the creation of toy building block orders, invoice report generation, cutting list report generation and painting report generation functions.

Ella Gao

273853065@qq.com

Catalog

1 Project description

The toy block factory system mainly realizes the creation of toy building block orders, invoice report generation, cutting list report generation and painting report generation functions.

2 Operation manual

1) Start the project locally (please refer to project operation for details), enter the connection http://localhost:3000/ in the browser, and you can see the order creation form on the main interface of the project, as shown in Figure 1;

Figure 1

2) Add order, add order-related information in the form, as shown in Figure 2;

Figure 2

Name, Address, and Due Date are required fields. If they are not filled in, clicking

Create New Order will trigger an error check, as shown in Figure 3.

The maximum string input length for Name is 100, and the maximum string

input length for Address is 200.

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
Please input name.	Please input address.	Please input 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

Figure 3.

The number of blocks is optional. If the sum of blocks is 0, an error check will be triggered, as shown in Figure 4. The minimum of each type of block is 0 and the maximum is 100000000000000000000.

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, �»	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

Figure 4

Click the Create New Order button to create an order. You can see that the invoice report, cutting list report and painting report are generated according to the user input information, as shown in Figure 5.

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 :
`Ella Gao`

* Address :
`Mantangyue Community, No. 88 Jinye Road, `

* Due Date :
`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

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Figure 5

3) To clear the forms and reports, click the Clear button to clear the forms
   and reports, as shown in Figure 6.

Figure 6

3 Project operation

I uploaded the project to github, the project URL is:

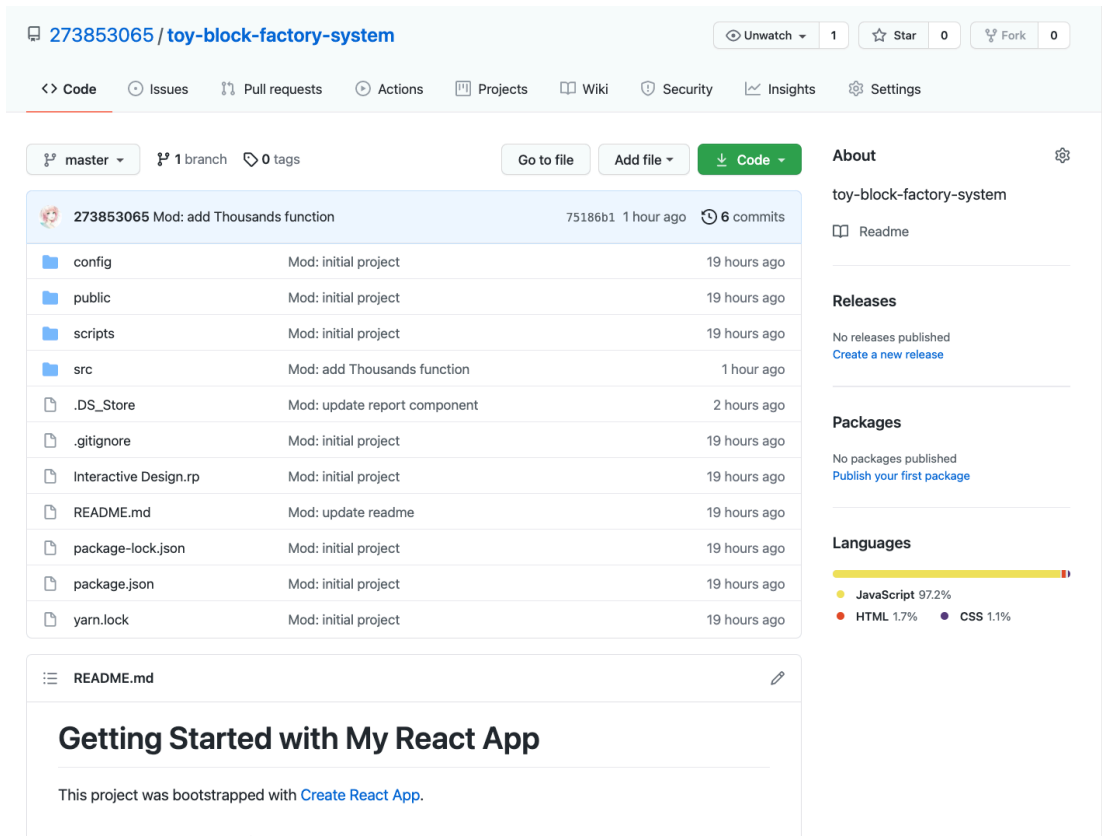https://github.com/273853065/toy-block-factory-system

The code branch is master.

Figure 7

First download the code:

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

Download the corresponding dependency package and execute it locally:

npm install

start up:

yarn start

Start the project, http://localhost:3000/