Project Mom and Pop Champion Home Mobile Front End and Services
v1.0
Deployment Guide

Revision History

Author	Revision Number	Date
TCSASSEMBLER	1.0	2015-02-13

Deployment Instructions

1   Organization of Submission

configs – *contains the config files*
controller – *contains the controller files*
doc – *contains the deployment guide (this document)*
erros – *contains the error defines*
helpers – *contains the helper files*
middlewares – *contains the middle wares for this project*
models – *contains the mongoose model files*
public – *contains the web show files*
services – *contains the service files*
test_files – *contains files for initial DB*
app.js – *The main script to start*
package.json – *contains required packages*
Project-Mom-and-Pop.postman_collection – *the collection for Postman to testing API*
Project-Mom-and-Pop.postman_environment – *the environment for Postman*

2   Application Setup

2.1   config.js File

Property Name	Description	Example Setting
MONGODB_URL	Database URL	"mongodb://127.0.0.1:27017/project-mom"
MONGODB_CONNECTION_POOL_SIZE	Database pool size	50
WEB_SERVER_PORT	Host port	3000
DEFAULT_SORT_BY	Sort by	
DEFAULT_SORT_ORDER	Sort order	"Ascending" or "Descending"
DEFAULT_PAGE_SIZE	Page size	10
QR_CODE_SIZE	QrCode size	16
DEFAULT_REDEEME_AMOUNT	Redeeme amount	20
QR_CODE_FILE_DIR	The path to store qrCode picture	"public/i/qrcode/"

Others are from giftcardofferandsecurity, I do not find any config detailed information.

3   Database Setup

Tests will initial DB data automatically. Please note it will not clear data from DB after testing. Because I want to use it for web verify later.

4 Deployment Instructions

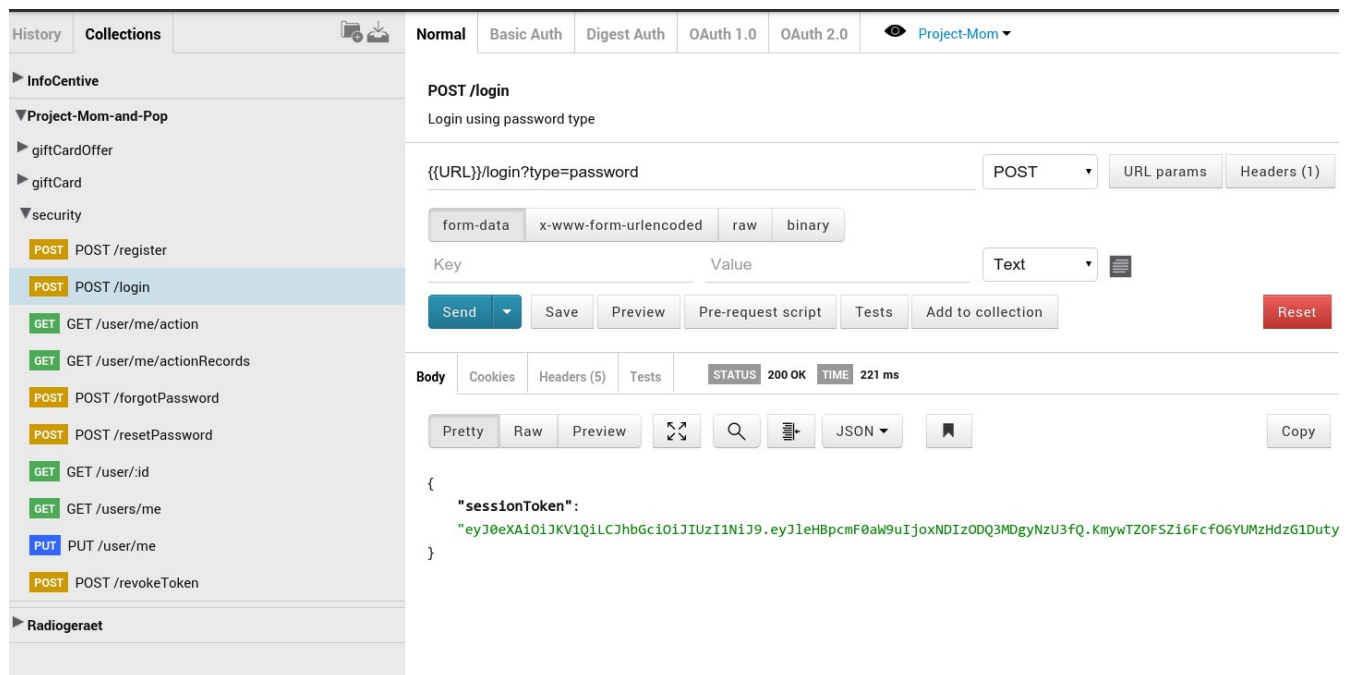*You just need run "npm install" to install all dependence.*

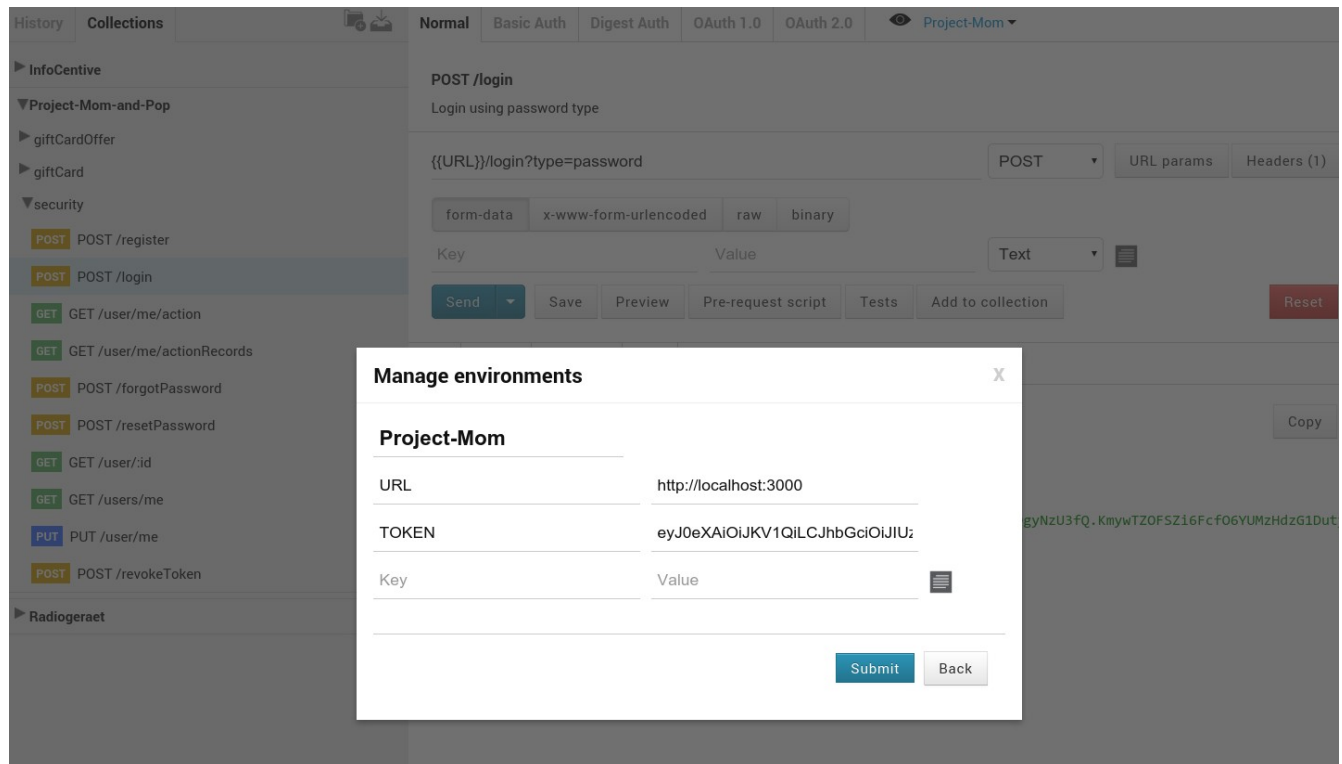# 5 Verification

5.1 RESTful function

Run "node app.js" to start server first, and then you can use Postman to test all API.

Import **Project-Mom-and-Pop.postman_collection** and **Project-Mom-and-Pop.postman_environment,** then you can use Postman directly.

Please first use security/login

And set it to your postman environment.

OK, then you can test all APIs freely.

I use three forlders for all APIs.

One is "security":

History	Collections		

▶ InfoCentive

▼ Project-Mom-and-Pop

▶ giftCardOffer

▶ giftCard

▼ security

POST POST /register

POST POST /login

GET GET /user/me/action

GET GET /user/me/actionRecords

POST POST /forgotPassword

POST POST /resetPassword

GET GET /user/:id

GET GET /users/me

PUT PUT /user/me

POST POST /revokeToken

▶ Radiogeraet

Normal | Basic Auth | Digest Auth | OAuth 1.0 | OAuth 2.0 | 👁 Project-Mom ▾

GET /user/:id

Get user by id. If user not found 404 will be returned to client

{{URL}}/users/54da325b5489203743520c01 | GET ▾ | URL params | Headers (1)

Send ▾ | Save | Preview | Pre-request script | Tests | Add to collection | Reset

Body | Cookies | Headers (7) | Tests | STATUS 200 OK | TIME 13 ms

Pretty | Raw | Preview | ⤢ | 🔍 | ☰ | JSON ▾ | 🔖 | Copy

```json
{
    "firstName": "test",
    "lastName": "heroku",
    "email": "test@test.com",
    "isFirstNamePublic": true,
    "isLastNamePublic": true,
    "isEmailPublic": true,
    "isLocationPublic": true,
    "isPicturePublic": true,
    "userRoles": [
        {
            "businessId": "54c34b986d89a88616f2845a",
            "role": "INDIVIDUAL_USER"
        }
    ],
    "id": "54da325b5489203743520c01"
}
```

One is "giftCardOffer":

GIFT card offer create

▼Project-Mom-and-Pop

▼giftCardOffer

POST	POST /giftCardOffers
GET	GET /giftCardOffers
GET	GET /giftCardOffers/:id
DELETE	DELETE /giftCardOffers/:id
PUT	PUT /giftCardOffers/:id
POST	POST /giftCardOffers/:id/cancel
GET	GET /giftCardOffers/:id/owners
POST	POST /giftCardOffers/:id/comments
DELETE	DELETE /giftCardOffers/:id/comments/commentId
GET	GET /giftCardOffers/:id/comments

▶ giftCard
▶ security
▼ **Radiogeraet**

{{URL}}/giftCardOffers   POST ▼   URL params   Headers (2)

form-data   x-www-form-urlencoded   **raw**   binary   JSON (application/json) ▼

```
1  {
2    "businessId": "testbusiness",
3    "businessName": "Test Business",
4    "businessType": "Commercial Establishment",
5    "businessAddress": "New York",
6    "businessPicture": "http://placehold.it/72png",
7    "businessTelephone": "231-234-2342",
8    "discount": 10,
9    "activationDateTime": "2015-01-27T16:17:57Z",
10   "endDateTime": "2015-02-27T16:17:57Z",
11   "description": "Hello I am a gift card offer",
```

Send ▼   Save   Preview   Pre-request script   Tests   Add to collection   Reset

Body   Cookies   Headers (6)   Tests   STATUS 201 Created   TIME 11 ms

Pretty   Raw   Preview   ⤢   🔍   ⊟   JSON ▼   🔖   Copy

```
{
    "businessId": "testbusiness",
    "businessName": "Test Business",
    "businessType": "Commercial Establishment",
    "businessAddress": "New York",
    "businessPicture": "http://placehold.it/72png",
    "businessTelephone": "231-234-2342",
    "discount": 10,
    "activationDateTime": "2015-01-27T16:17:57.000Z",
    "endDateTime": "2015-02-27T16:17:57.000Z",
    "description": "Hello I am a gift card offer",
    "availableQuantity": 40
```

The last is "giftCard":

▼Project-Mom-and-Pop

▶ giftCardOffer

▼ giftCard

GET	Get GiftCard
GET	Get GiftCard with no result
GET	Get GiftCard with invalid Id
POST	Purse GiftCard
POST	Purse GiftCard with no items
POST	Purse GiftCard with no creditCard
GET	Search GiftCards
GET	Search GiftCards with filters
GET	Search GiftCards with invalid pageSize
GET	Search GiftCards with invalid pageNumber
GET	Search GiftCards with invalid sortBy
GET	Search GiftCards with invalid sortOrder
GET	Search GiftCards with invalid quantity
GET	Search GiftCards with invalid status
GET	Search GiftCards with invalid discount
GET	Search GiftCards with invalid date

{{URL}}/users/me/giftCards/54c1b1a39d64e6004475efdf   GET ▼   URL params   Headers (0)

Send ▼   Save   Preview   Pre-request script   Tests   Add to collection   Reset

Body   Cookies   Headers (6)   Tests   STATUS 200 OK   TIME 10 ms

Pretty   Raw   Preview   ⤢   🔍   ⊟   JSON ▼   🔖   Copy
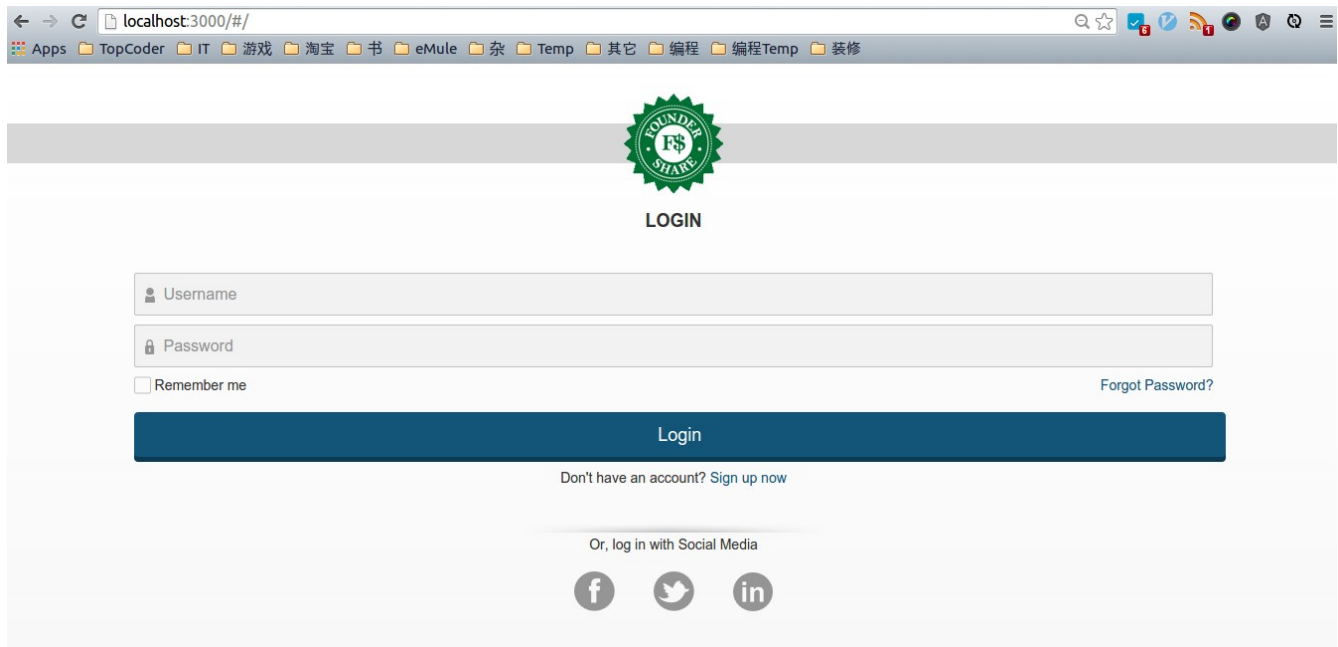
```
{
    "ownerId": "54da325b5489203743520c01",
    "businessId": "54c1b1a39d64e6006666aaaa",
    "businessName": "name123",
    "businessType": "Commercial",
    "businessAddress": "123 Main Street",
    "businessPicture": "i/business-logo-1.png",
    "businessTelephone": "1-800-123-4567",
    "discount": 23,
    "quantity": 143,
    "description": "descp1",
    "status": "ACTIVE",
    "giftCardOfferId": "54dab21fd8c188f731cb8f33",
    "expirationDate": "2015-02-22T04:23:00.000Z",
    "activationDateTime": "2015-01-11T04:23:00.000Z",
    "endDateTime": "2015-01-22T04:23:00.000Z",
    "id": "54c1b1a39d64e6004475efdf"
}
```

5.2 Front end

Ok, all front end files are in /public, we can directly visit them.

Go to url like localhost:3000

If you fill with wrong/wrong, you will get warning:

LOGIN

Invalid Username / Password

👤 wrong

🔒 •••••

☐ Remember me   Forgot Password?

Login

Don't have an account? Sign up now

Or, log in with Social Media

f t in

Please use **test@test.com** / **password** to login:

LOGIN

👤 test@test.com

🔒 ••••••••|

☐ Remember me   Forgot Password?

Login

Don't have an account? Sign up now

Or, log in with Social Media

f t in

The you can see list page:

You can click "Order by":

My Founder$hares	☰

Order by [Z-A ▼]　　　　　　　　　　　　　　　　🔍

name789
Activation : 01/11/2015 12:23 PM ⌄

name666
Activation : 01/11/2015 12:23 PM ⌄

name555
Activation : 01/11/2015 12:23 PM ⌄

name456
Activation : 01/11/2015 12:23 PM ⌄

name444
Activation : 01/11/2015 12:23 PM ⌄

name123
Activation : 01/11/2015 12:23 PM ⌄

Also the search function works well:

My Founder$hares	☰

🔍 4|　　　　　　　　　　　　　　　　　✕ [cancel]

name444
Activation : 01/11/2015 12:23 PM ⌄

name456
Activation : 01/11/2015 12:23 PM ⌄

6　Resource Contact List

Name	Resource Email
TCSASSEMBLER	