

Project Mom and Pop Business APIs and Audit Record v1.0 Deployment Guide

Revision History

Author	Revision Number	Date
TCSASSEMBLER	1.0	2015-01-26

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Deployment Instructions

1 Organization of Submission

controller – contains the controller files

doc – contains the deployment guide (this document)

helpers – contains the helper files

models – contains the mongoose model files

services – contains the service files

test_files – contains files for initial DB

config.js – contains all config

package.json – contains required packages

server.js – The main script to start

Project-Mom-Business.json.postman_collection – the collection for Postman to testing API

Project-Mom.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	5
BRAINTREE_GATEWAY_CONFIG	The braintree gateway config	{ environment: braintree.Environment.Sandbox, merchantId: "hkjdyyxjrws9yp", publicKey: "82kj86whcrhykh7v", privateKey: "d5000088ae06646ed0f6b64e5ffa479a" },
BRAINTREE_SUBSCRIPTION_PLANID	The braintree subscription planId	"mf2m"
GEOCODER_PROVIDER	Geocoder Provider	"google"
GEOCODER_HTTPADAPTER	Geocoder HttpAdapter	"http"

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 Braintree Setup

Please go <https://sandbox.braintreegateway.com/login> to create a braintree account for testing.

Then you can get your own API keys from:

Account -> My User -> API Keys

Braintree_sandbox

SettingsDocumentsHelpAccount

Dashboard

Advanced Search

Transactions

Verifications

Vault

Subscriptions

Transactions

New Transaction

Transaction Summary

Disbursement Summary

Settlement Batch Summary

Vault

New Customer

Expiring Cards

Export Customers

Recurring Billing

Plans

Add-ons / Discounts

Email Notifications

API Keys

Public Key	Private Key	Last Used On	Actions
82kj86whcrhykh7v	View	01/26/2015	Delete

Generate New

Client-Side Encryption Keys

Environment:

sandbox

Merchant ID:

hkjdyyxzzrj rws9yp

CSE Key:

Never Used

MIIBCgKCAQEA3wuJ5n+IBae2hUAFD10Zt8CUCg7tgXGd0jFa9RkyJt0ctqHdhow+Z

oEmM8iJl1dLxE7LAyUnXD6HmLV1vay0T6+kXf8BYDk+w0A0PHUMLbhzimFP2kIh5n

NhvBIyQY36Vxs6HA7jLsvRMN1s0CW/sNzKXt8LJnncZ+eUXghV/m//ZMpg8wCwLr

HtL3bIZgjYuULAC9f0Ze0Ugns/yb/BrRi7C6i1U4y3X9rXAJbsZa++bF+9sajbkZX

gPaEhA5zMg0bJNEKI+Vqz/GqRsBrM2EoN11zZsQqI/LI8m9UcWADpSYcLA5i9R5fE

P3f3PjA119d2Ac6YTQ7sdp4qh2eYQIDAQAB

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Then go to

Recurring Billing -> Plans

to create a new "Plan".

Then replace "config.BRAINTREE_SUBSCRIPTION_PLANID" with your own "Plan ID"

5 Deployment Instructions

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

6 Verification

6.1 RESTful function

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

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

Get Business Profile:

ImportAPI DirectoryCollection runnerUpgrade

HistoryCollections

HPNProject-Mom-BusinessProject-Mom-GiftCardRadiogeraet

NormalBasic AuthDigest AuthOAuth 1.0OAuth 2.0Project-Mom

Get Business with full show

{{URL}}/businesses/54c1b1a39d64e6006666aaaaGET

SendSavePreviewPre-request scriptTestsAdd to collection

BodyCookiesHeaders (6)TestsSTATUS 200 OKTIME 28 ms

PrettyRawPreviewJSON

```
{  "name": "name1",  - "type": {    "name": "type1",    "id": 1  },  "address": "address1",  "telephoneNumber": "123",  "picture": "picture1",  "description": "description1",  "businessHours": "12",  "website": "website1",  "isWebsitePublic": true,  "isBusinessHoursPublic": true,  "isDescriptionPublic": true,  "isPicturePublic": true,  "isTelephoneNumberPublic": true,  "isAddressPublic": true,  "isTypePublic": true,  "isNamePublic": true,  "id": "54c1b1a39d64e6006666aaaa"
```

And if item is not exist:

▶ HPN

▼ Project-Mom-Business

GET Get Business with full show

GET Get Business with some show

GET Get Business with min show

GET Get Business with not exist

GET Get Business Report

POST Verify My Business Profile

GET Address

GET getByAccountId

GET Get Business Employees

POST Add Business Employee

DELETE Delete Business Employee

PUT Update Business Employee

PUT Update My Business Profile

PUT Update My Business Profile with wro
ng id

Get Business with not exist

{{URL}}/businesses/54c1b1a39d64e6006666aaad

GET

Send

Save

Preview

Pre-request script

Tests

Add to collection

Body

Cookies

Headers (6)

Tests

STATUS 404 Not Found

TIME 8 ms

Pretty

Raw

Preview

JSON

"Business is not found with id: 54c1b1a39d64e6006666aaad"

Get My Business Profile

HPN

Project-Mom-Business

GET Get Business with full show

GET Get Business with some show

GET Get Business with min show

GET Get Business with not exist

GET Get My Business Profile

GET Get Business Report

GET Get Business Employees

POST Add Business Employee

DELETE Delete Business Employee

PUT Update Business Employee

PUT Update My Business Profile

PUT Update My Business Profile with wrong id

POST Verify My Business Profile

POST notifyExpiration

Project-Mom-GiftCard

Radiogeraet

Type to filter

Get My Business Profile

{{URL}}/businesses/me

GET

URL params

Headers (1)

Send

Save

Preview

Pre-request script

Tests

Add to collection

Reset

Body

Cookies

Headers (6)

Tests

STATUS 200 OK

TIME 7 ms

Pretty

Raw

Preview

JSON

Copy

[
- {
 "name": "name1",
 - "type": {
 "name": "type1",
 "id": 1
 },
 "address": "address1",
 "telephoneNumber": "123",
 "picture": "picture1",
 "description": "description1",
 "businessHours": "12",
 "website": "website1",
 "isWebsitePublic": true,
 "isBusinessHoursPublic": true,
 "isDescriptionPublic": true,
 "isPicturePublic": true,
 "isTelephoneNumberPublic": true,
 "isAddressPublic": true,
 "isTypePublic": true,
 "isNamePublic": true,
 "id": "54c1b1a39d64e6006666aaaa"
},
- {
 "name": "name2",
 - "type": {
 "name": "type2"
 }
}

Get Business Report:

HPN

Project-Mom-Business

GET Get Business with full show

GET Get Business with some show

GET Get Business with min show

GET Get Business with not exist

GET Get Business Report

POST Verify My Business Profile

GET Address

GET getByAccountId

GET Get Business Employees

POST Add Business Employee

DELETE Delete Business Employee

PUT Update Business Employee

PUT Update My Business Profile

PUT Update My Business Profile with wro
ng id

Get Business Report

{{URL}}/businesses/123/report

GET

URL params

Send

Save

Preview

Pre-request script

Tests

Add to collection

Body

Cookies

Headers (6)

Tests

STATUS 500 Internal Server Error

TIME 7 ms

Pretty

Raw

Preview

HTML

1 Not Implemented

Get Business Employees:

▶ HPN

▼ Project-Mom-Business

GET Get Business with full show

GET Get Business with some show

GET Get Business with min show

GET Get Business with not exist

GET Get Business Report

POST Verify My Business Profile

GET Address

GET getByAccountId

GET Get Business Employees

POST Add Business Employee

DELETE Delete Business Employee

PUT Update Business Employee

PUT Update My Business Profile

PUT Update My Business Profile with wrong id

▶ Project-Mom-GiftCard

▶ Radiogeraet

Get Business Employees

{{URL}}/businesses/me/employees

GET

URL params

Headers (1)

Authorization {{API_TOKEN}}

Add preset

Manage presets

Header

Value

Send

Save

Preview

Pre-request script

Tests

Add to collection

Reset

Body

Cookies

Headers (6)

Tests

STATUS 200 OK

TIME 13 ms

Pretty

Raw

Preview

JSON

Copy

```
{
  "totalPages": 1,
  "pageNumber": 1,
  "totalRecords": 1,
  "items": [
    {
      "firstName": "firstName1",
      "lastName": "lastName1",
      "email": "email1",
      "location": "location1",
      "picture": "picture1",
      "isFirstNamePublic": true,
      "isLastNamePublic": true,
      "isEmailPublic": true,
      "isLocationPublic": true,
      "isPicturePublic": true,
      "userRoles": [
        {
          "businessId": "54c1b1a39d64e6006666aaaa",
          "role": "BUSINESS_EMPLOYEE"
        }
      ]
    }
  ]
}
```

Add Business Employee:

The screenshot displays the TopCoder API client interface. On the left, a sidebar lists various API endpoints under the 'Project-Mom-Business' category. The 'Add Business Employee' endpoint is selected, highlighted in blue. The main panel shows the configuration for a POST request to the URL `{{URL}}/businesses/me/employees`. The request is configured with the following details:

- Method:** POST
- Authorization:** `{{API_TOKEN}}`
- Content-Type:** `application/json`
- Header:** A table with columns 'Header' and 'Value'.
- Body:** A JSON object representing a business employee, with fields like `firstName`, `lastName`, `email`, `location`, `picture`, and public status flags.

Below the request configuration, the response is shown in a 'Pretty' JSON format, indicating a successful `200 OK` status with a response time of `21 ms`. The response body contains the same JSON object as the request body.

Project-Mom-Business

- GET Get Business with full show
- GET Get Business with some show
- GET Get Business with min show
- GET Get Business with not exist
- GET Get Business Report
- POST Verify My Business Profile
- GET Address
- GET getByAccountId
- GET Get Business Employees
- POST Add Business Employee**
- DELETE Delete Business Employee
- PUT Update Business Employee
- PUT Update My Business Profile
- PUT Update My Business Profile with wrong id

Project-Mom-GiftCard

Radiogeraet

Type to filter

Add Business Employee

URL: `{{URL}}/businesses/me/employees` Method: POST URL params Headers (2)

Authorization: `{{API_TOKEN}}` Add preset Manage presets

Content-Type: `application/json`

Header Value

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

```
1 {
2   "firstName": "firstName1",
3   "lastName": "lastName1",
4   "email": "email1",
5   "location": "location1",
6   "picture": "picture1",
7   "isFirstNamePublic": true,
8   "isLastNamePublic": true,
9   "isEmailPublic": true,
10  "isLocationPublic": true,
11  "isProfilePublic": true
12 }
```

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

Body Cookies Headers (5) Tests STATUS 200 OK TIME 21 ms

Pretty Raw Preview JSON Copy

```
{
  "firstName": "firstName1",
  "lastName": "lastName1",
  "email": "email1",
  "location": "location1",
  "picture": "picture1",
  "isFirstNamePublic": true,
  "isLastNamePublic": true,
  "isEmailPublic": true,
  "isLocationPublic": true,
  "isProfilePublic": true
}
```

Delete Business Employee:

HPN

Project-Mom-Business

- GET Get Business with full show
- GET Get Business with some show
- GET Get Business with min show
- GET Get Business with not exist
- GET Get Business Report
- POST Verify My Business Profile
- GET Adress
- GET getByAccountId
- GET Get Business Employees
- POST Add Business Employee
- DELETE Delete Business Employee**
- PUT Update Business Employee
- PUT Update My Business Profile
- PUT Update My Business Profile with wrong id

Project-Mom-GiftCard

Radiogeraet

Delete Business Employee

{{URL}}/businesses/me/employees/123 **DELETE** URL params Headers (1)

Authorization {{API_TOKEN}}

Add preset Manage presets

Header Value

form-data x-www-form-urlencoded raw binary Text

1

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

Body Cookies Headers (3) Tests **STATUS** 204 No Content **TIME** 10 ms

Pretty Raw Preview HTML Copy

1

Update Business Employee:

HPN

Project-Mom-Business

GETGet Business with full show

GETGet Business with some show

GETGet Business with min show

GETGet Business with not exist

GETGet Business Report

POSTVerify My Business Profile

GETAdress

GETgetByAccountId

GETGet Business Employees

POSTAdd Business Employee

DELETEDelete Business Employee

PUTUpdate Business Employee

PUTUpdate My Business Profile

PUTUpdate My Business Profile with wrong id

Project-Mom-GiftCard

Radiogeraet

Type to filter

Update Business Employee

{{URL}}/businesses/me/employees/123

PUT

URL params

Headers (2)

Authorization{{API_TOKEN}}

Add preset

Manage presets

Content-Typeapplication/json

HeaderValue

form-data

x-www-form-urlencoded

raw

binary

JSON (application/json)

1-10

{

"firstName": "firstName1",

"lastName": "lastName1",

"email": "email1",

"location": "location1",

"picture": "picture1",

"isFirstNamePublic": true,

"isLastNamePublic": true,

"isEmailPublic": true,

"isLocationPublic": true,

"isProfilePublic": true,

}

Send

Save

Preview

Pre-request script

Tests

Add to collection

Reset

Body

Cookies

Headers (5)

Tests

STATUS200 OK

TIME10 ms

Pretty

Raw

Preview

JSON

Copy

{

"firstName": "firstName1",

"lastName": "lastName1",

"email": "email1",

"location": "location1",

"picture": "picture1",

"isFirstNamePublic": true,

"isLastNamePublic": true,

"isEmailPublic": true,

"isLocationPublic": true,

"isProfilePublic": true,

}

Update My Business Profile

HPN

Project-Mom-Business

GET

Get Business with full show

GET

Get Business with some show

GET

Get Business with min show

GET

Get Business with not exist

GET

Get Business Report

POST

Verify My Business Profile

GET

Adress

GET

getByAccountId

GET

Get Business Employees

POST

Add Business Employee

DELETE

Delete Business Employee

PUT

Update Business Employee

PUT

Update My Business Profile

PUT

Update My Business Profile with wrong id

Project-Mom-GiftCard

Radiogeraet

Update My Business Profile

{{URL}}/businesses/me

PUT

URL params

Headers (2)

Authorization{{API_TOKEN}}

Content-Typeapplication/json

HeaderValue

form-data

x-www-form-urlencoded

raw

binary

JSON (application/json)

1

2

3

4

5

6

7

8

9

{

"id": "54c1b1a39d64e6006666aaac",

"name": "name4",

"address": "address4",

"telephoneNumber": "666",

"isNamePublic": true,

"isAddressPublic": true,

"isTelephoneNumberPublic": true

}

Send

Save

Preview

Pre-request script

Tests

Add to collection

Reset

Body

Cookies

Headers (5)

Tests

STATUS200 OK

TIME15 ms

Pretty

Raw

Preview

JSON

Copy

{

"name": "name4",

"address": "address4",

"telephoneNumber": "666",

"isWebsitePublic": false,

"isBusinessHoursPublic": false,

"isDescriptionPublic": false,

"isPicturePublic": false,

"isTelephoneNumberPublic": true,

"isAddressPublic": true,

Verify My Business Profile

The screenshot shows the TopCoder API client interface. On the left, a sidebar lists collections under 'HPN'. The 'Project-Mom-Business' collection is expanded, showing various endpoints. The 'Verify My Business Profile' endpoint is selected, showing a POST request configuration. The URL is `{{URL}}/businesses/me/verify`, the method is POST, and the content type is `application/json`. The authorization is set to `{{API_TOKEN}}`. The request body is a JSON object with the following structure:

```

{
  "firstName": "Fred",
  "lastName": "Jones",
  "creditCard": {
    "cardholderName": "Fred Jones",
    "number": "4111111111111111",
    "cvv": "123",
    "expirationDate": "06/2014",
    "options": {
      "verifyCard": true
    }
  }
}

```

The response body is also shown as JSON:

```

{
  "subscription": {
    "addOns": [ ],
    "balance": "0.00",
    "billingDayOfMonth": 26,
    "billingPeriodEndDate": "2015-02-25",
    "billingPeriodStartDate": "2015-01-26",
    "createdAt": "2015-01-26T06:01:48Z",
    "updatedAt": "2015-01-26T06:01:48Z",
    "currentBillingCycle": 1,
    "daysPastDue": null,
    "discounts": [ ],
    "failureCount": 0
  }
}

```

getCoordinateByAddress

If you want to test with `BusinessController#getCoordinateByAddress`, you can add a new controller like this:

```

BusinessService.getCoordinateByAddress(req.query.address, function(err, result) {
  if (err) {
    res.status(500).json({
      error: err.message
    });
  } else {
    res.status(200).send(result);
  }
});

```

And visit the url with query `{{URL}}/xxx?address=29 champs elysée paris`

You will get result like this:

HPN

▼ Project-Mom-Business

- GET Get Business with full show
- GET Get Business with some show
- GET Get Business with min show
- GET Get Business with not exist
- GET Get Business Report
- GET Address
- GET getByAccountId
- GET Get Business Employees
- POST Add Business Employee
- DELETE Delete Business Employee
- PUT Update Business Employee
- PUT Update My Business Profile
- PUT Update My Business Profile with wrong id
- POST Verify My Business Profile

► Project-Mom-GiftCard

► Radiogeraet

Address

{{URL}}/getCoordinateByAddress?address=29 champs elysée paris GET URL params Headers (1)

address 29 champs elysée paris

URL Parameter Key Value

Authorization {{API_TOKEN}} Add preset Manage presets

Header Value

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

Body Cookies Headers (6) Tests STATUS 200 OK TIME 843 ms

Pretty Raw Preview Copy

```
[
  - {
    "latitude": 48.869384,
    "longitude": 2.3071868,
    "country": "France",
    "city": "Paris",
    "state": "Île-de-France",
    "stateCode": "IDF",
    "zipcode": "75008",
    "streetName": "Avenue des Champs-Élysées",
    "streetNumber": "29",
    "countryCode": "FR"
  }
]
```

7 Resource Contact List

Name	Resource Email
TCSASSEMBLER	