

AGME API Documentation V1.0

[Base URL: localhost:8080/]
<http://localhost:8080/v2/api-docs>

AGME API Information for the Back-end of our program

business-controller Business Controller



GET

/api/Business

Getting a List of all Businesses

used get all information about every business in the database

Parameters

Try it out

No parameters

Responses

Response content type

/

Code	Description
200	<div>OK</div> <div><div>Example Value</div><div>Model</div><div>{ }</div></div>
401	<div>Unauthorized</div>
403	<div>Forbidden</div>
404	<div>Not Found</div>

POST /api/Business Add a new Business

used to create and add a new Business to the database

Parameters

Try it out

Name	Description
------	-------------

business * required

business

(body)

Example Value Model

```
{
  "address": "string",
  "blurb": "string",
  "businessBState": {
    "bstate": {
      "id": 0
    },
    "id": 0
  },
  "description": "string",
  "id": 0,
  "name": "string",
  "phoneNumber": "string",
  "workerList": [
    {
      "availableEndTimes": [
        {
          "date": 0,
          "day": 0,
          "hours": 0,
          "minutes": 0,
          "month": 0,
          "seconds": 0,
          "time": 0,
          "timezoneOffset": 0,
          "year": 0
        }
      ]
    }
  ]
}
```

Parameter content type

application/json

Responses

Response content type

/

Code	Description
------	-------------

Code	Description
200	<i>OK</i>
Example Value Model	
	<code>{}</code>
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

DELETE `/api/Business/deleteById={id}` Deleting a business with the given id

used to grab the business associated with the id and deleting it off the database

Parameters

Try it out

Name	Description
id ✱ required <code>integer(\$int64)</code> <i>(path)</i>	id

Responses

Response content type `*/*`

Code	Description
------	-------------

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{ }</div></div>	
204	<i>No Content</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>

GET

/api/Business/findById={id}

Getting a Business that matches its id

used to get all the business information that has a matching id

Parameters

Try it out

Name	Description
<div><div>id * required</div><div>integer(\$int64)</div><div>(path)</div></div>	id

Responses

Response content type

/

Code	Description
------	-------------

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{}</div></div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

GET

/api/Business/getWorker={id}

Getting the List of worker

used to have a list of all the worker associated with that business

Parameters

Try it out

Name	Description
<div><div>id * required</div><div>integer(\$int64)</div><div>(path)</div></div>	id

Responses

Response content type

/

Code	Description
------	-------------

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{ }</div></div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

PUT

/api/Business/update={id}

Updating a Business with the given id

used to update a business information that has the given id, needs all unchanged variable in request

Parameters

Try it out

Name	Description

Name		Description
business * required		business
(body)		<div>Example ValueModel</div> <div><pre>{ "address": "string", "blurb": "string", "businessBState": { "bstate": { "id": 0 }, "id": 0 }, "description": "string", "id": 0, "name": "string", "phoneNumber": "string", "workerList": [{ "availableEndTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }] }] }</pre></div> <div>Parameter content type</div> <div>application/json</div>
id * required		id
integer(\$int64)		
(path)		
Responses		Response content type */*
Code		Description
200		OK
		<div>Example ValueModel</div> <div><pre>{}</pre></div>

Code	Description
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

business-hours-controller

Business Hours Controller

▼

POST

/api/BusinessHours

Add a new Business Hours

used to create a new Business Hours object and add it to the database

Parameters

Try it out

Name	Description
------	-------------

Name		Description	
businessHours <small>* required</small>		businessHours	
(body)		Example Value	Model
		<pre>{ "business_id": 0, "closingTime": { "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "nanos": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }, "day": 0, "id": 0, "openingTime": { "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "nanos": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, } }</pre>	
		Parameter content type	
		application/json	
Responses		Response content type	*/*
Code		Description	
200		OK	
		Example Value	Model
		{}	

Code	Description
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

DELETE

/api/BusinessHours/deleteById={id} deleting a Business Hours by its id

used to get a Business Hours row by its personal id and deleting it off the database

Parameters

Try it out

Name	Description
<div><div>id * required</div><div>integer(\$int64)</div><div>(path)</div></div>	id

Responses

Response content type

/

Code	Description
200	<i>OK</i>
	<div>Example Value<div>Model</div><div>{}</div></div>
204	<i>No Content</i>

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>

GET

/api/BusinessHours/findByBusId={busId}

Getting all Business Hours for a business

used to get all business hours that is associated by the given business_id and sort it by day, Ascending

Parameters

Try it out

Name	Description
busId * required integer(\$int64) (path)	busId

Responses

Response content type */*

Code	Description
200	<i>OK</i>
<div>Example Value Model</div> <div>{ }</div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>

Code	Description
404	<i>Not Found</i>

GET

/api/BusinessHours/findById={id}

Getting a Business Hours by its id

used to get a Business Hours row by its personal id

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id

Responses

Response content type

/

Code	Description
200	<i>OK</i>
<div>Example Value Model</div> <div>{}</div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

PUT

/api/BusinessHours/update={id}

updating a Business Hours by its id

used to get a Business Hours row by its id andd updating it, needs all unchanged variable in request

Parameters

Try it out

Name	Description
businessHours * required (body)	<div>businessHours</div> <div>Example Value Model</div> <div><pre>{ "business_id": 0, "closingTime": { "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "nanos": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }, "day": 0, "id": 0, "openingTime": { "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "nanos": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, } }</pre></div> <div>Parameter content type</div> <div>application/json</div>
id * required integer(\$int64) (path)	<div>id</div>

Responses

Response content type

/

Code	Description
------	-------------

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{ }</div></div>	
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

service-controller

Service Controller

▼

POST

/api/service

CREATEService

Parameters

Try it out

Name	Description
------	-------------

Name		Description
service ✖ required		service
(body)		<div><div>Example Value</div><div>Model</div><div><pre>{ "created_At": "2020-09-22T13:28:12.109Z", "description": "string", "id": 0, "serviceSState": { "created_At": "2020-09-22T13:28:12.109Z", "id": 0, "serviceState": { "created_At": "2020-09-22T13:28:12.109Z", "updated_At": "2020-09-22T13:28:12.109Z" }, "updated_At": "2020-09-22T13:28:12.109Z" }, "updated_At": "2020-09-22T13:28:12.109Z", "worker": { "availableEndTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }] }}</pre></div></div>
		<div>Parameter content type<div>application/json</div></div>
Responses		<div>Response content type<div>*/*</div></div>
Code		Description
200		<div>OK</div> <div><div>Example Value</div><div>Model</div><div><pre>{}</pre></div></div>
201		<div>Created</div>

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

GET

/api/service/{id} READWorker

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id

Responses

Response content type */*

Code	Description
200	<i>OK</i>
<div>Example Value Model</div> <div>{ }</div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

PUT /api/service/update={id} UPDATEWorker

Parameters

Try it out

Name Description

id * required
integer(\$int64)
(path)

id

updatedService

updatedService * required
(body)

Example Value Model

```
{
  "created_At": "2020-09-22T13:30:00.167Z",
  "description": "string",
  "id": 0,
  "serviceSState": {
    "created_At": "2020-09-22T13:30:00.167Z",
    "id": 0,
    "serviceState": {
      "created_At": "2020-09-22T13:30:00.167Z",
      "updated_At": "2020-09-22T13:30:00.167Z"
    },
    "updated_At": "2020-09-22T13:30:00.167Z"
  },
  "updated_At": "2020-09-22T13:30:00.167Z",
  "worker": {
    "availableEndTimes": [
      {
        "date": 0,
        "day": 0,
        "hours": 0,
        "minutes": 0,
        "month": 0,
        "seconds": 0,
        "time": 0,
        "timezoneOffset": 0,
        "year": 0
      }
    ]
  }
}
```

Parameter content type

application/json

Responses

Response content type

/

Code Description

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{}</div></div>	
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

user-controller

User Controller



POST

/api/user

Create a new User

Parameters

Try it out

Name	Description

Name		Description
user * required		user
(body)		<div><div>Example Value</div><div>Model</div></div> <pre>{ "createdAt": "2020-09-22T13:30:03.013Z", "firstName": "string", "homeAddress": "string", "id": 0, "lastName": "string", "password": "string", "passwordConfirmation": "string", "phoneNumber": "string", "updatedAt": "2020-09-22T13:30:03.013Z", "userName": "string"}</pre> <div><div>Parameter content type</div><div>application/json</div></div>
Responses		<div><div>Response content type</div><div>*/*</div></div>
Code		Description
200		<div>OK</div> <div><div>Example Value</div><div>Model</div></div> <pre>{ "createdAt": "2020-09-22T13:32:03.236Z", "firstName": "string", "homeAddress": "string", "id": 0, "lastName": "string", "password": "string", "passwordConfirmation": "string", "phoneNumber": "string", "updatedAt": "2020-09-22T13:32:03.236Z", "userName": "string"}</pre>
201		<div>Created</div>

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

GET

/api/user/{id} Get a user by ID

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id

Responses

Response content type */*

Code	Description
200	<i>OK</i>

Example Value

Model

```
{  "createdAt": "2020-09-22T13:32:03.244Z",  "firstName": "string",  "homeAddress": "string",  "id": 0,  "lastName": "string",  "password": "string",  "passwordConfirmation": "string",  "phoneNumber": "string",  "updatedAt": "2020-09-22T13:32:03.244Z",  "userName": "string"}
```

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

PUT

/api/user/{id} Update a user by ID

Will require authorization of "ROLE_USER"

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id
updatedUser * required (body)	updatedUser

Example Value

Model

```
{
  "createdAt": "2020-09-22T13:30:10.107Z",
  "firstName": "string",
  "homeAddress": "string",
  "id": 0,
  "lastName": "string",
  "password": "string",
  "passwordConfirmation": "string",
  "phoneNumber": "string",
  "updatedAt": "2020-09-22T13:30:10.107Z",
  "userName": "string"
}
```

Parameter content type

application/json

Responses

Response content type

/

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><pre>{ "createdAt": "2020-09-22T13:32:03.256Z", "firstName": "string", "homeAddress": "string", "id": 0, "lastName": "string", "password": "string", "passwordConfirmation": "string", "phoneNumber": "string", "updatedAt": "2020-09-22T13:32:03.256Z", "userName": "string"}</pre></div>	
201	<i>Created</i>
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

worker-controller

Worker Controller



GET		/api/worker	Getting a List of all Workers
used get all information about every worker in the database			
Parameters			Try it out
No parameters			
Responses		Response content type	*/*
Code	Description		

Code	Description
200	<i>OK</i>
<div><div>Example Value</div><div>Model</div><div>{}</div></div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

POST

/api/worker

Add a new Worker

used to create a new Worker object and add it to the database

Parameters

Try it out

Name	Description
------	-------------

Name		Description
worker <small>* required</small>		worker
(body)		<div><div>Example Value</div><div>Model</div><div><pre>{ "availableEndTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }], "availableStartTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }]}</pre></div></div>
		<div>Parameter content type</div> <div>application/json</div>
Responses		<div>Response content type</div> <div>*/*</div>
Code		Description
200		<div>OK</div> <div><div>Example Value</div><div>Model</div><div><pre>{}</pre></div></div>
201		<div>Created</div>

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

GET

/api/worker/{id} READWorker

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id

Responses

Response content type */*

Code	Description
200	<i>OK</i>
<div>Example Value Model</div> <div>{ }</div>	
401	<i>Unauthorized</i>
403	<i>Forbidden</i>
404	<i>Not Found</i>

PATCH `/api/worker/{id}` Patching a Worker with the given id

used to patch worker information that has the given id, needs operation value, variable to change name, and new value for that updated variable

Parameters

Try it out

Name	Description
id * required integer(\$int64) (path)	id
patch * required (body)	patch
	<div>Example Value Model</div> <div>{ }</div>
	<div>Parameter content type</div> <div>application/json-patch+json</div>

Responses

Response content type */*

Code	Description
200	<div>OK</div> <div>Example Value Model</div> <div>{ }</div>
204	<div>No Content</div>

Code	Description
401	<i>Unauthorized</i>
403	<i>Forbidden</i>

PUT `/api/worker/update={id}` Updating a Worker with the given id

used to update worker information that has the given id, needs all unchanged variable in request

Parameters

Try it out

Name	Description
updatedWorker * required (body)	updatedWorker Example Value Model <pre>{ "availableEndTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }], "availableStartTimes": [{ "date": 0, "day": 0, "hours": 0, "minutes": 0, "month": 0, "seconds": 0, "time": 0, "timezoneOffset": 0, "year": 0 }] }</pre> Parameter content type application/json

Responses

Response content type

/

Code

Description

200

OK

Example Value Model

`{}`

201

Created

401

Unauthorized

403

Forbidden

404

Not Found



Models

Business {...}

BusinessBState {
 description: *BusinessBState Model*
 bstate
 business*
 id*
}

BusinessState {...}
Business {...}
integer(\$int64)
1

BusinessHours

{

description:

business_id*

closingTime

day*

id*

openingTime

BusinessTime Model

integer(\$int64)

1

Timestamp {...}

integer(\$int32)

5

integer(\$int64)

2

Timestamp {...}

}

BusinessState

{

description:

businessBState*

id*

BusinessState Model

BusinessBState {...}

integer(\$int64)

1

}

Iterable

{...}

Iterator

JsonPatch

{...}

Service

{

created_At

description

id

servicesSState

updated_At

worker

string(\$date-time)

string

integer(\$int64)

ServiceSState {...}

string(\$date-time)

Worker {...}

}

```
ServiceSState {
  created_At      string($date-time)
  id              integer($int64)
  service         Service      {...}
  serviceState    ServiceState {...}
  updated_At      string($date-time)
}
```

```
ServiceState {
  created_At      string($date-time)
  updated_At      string($date-time)
}
```

Time {...}

Timestamp {...}

```
User {
  description:      User Model
  createdAt         string($date-time)
  firstName*        string
  homeAddress*      string
  id                integer($int64)
  lastName*         string
  password*         string
                  Field is Transient
  passwordConfirmation* string
                  Field is Transient
  phoneNumber*      string
  updatedAt         string($date-time)
  userName*         string
}
```

```

Worker    {
  description:      Worker Model
  availableEndTimes [Time    {...}]
  availableStartTimes [Time    {...}]
  businesses        [Business {...}]
  createdAt          string($date-time)
  created_At         string($date-time)
  created_at         string($date-time)
  description        string
  id*                integer($int64)
                    1
  services           [...]
  shiftEndTimes      [...]
  shiftStartTimes    [...]
  updatedAt          string($date-time)
  user               User    {...}
  workerWState       WorkerWState {...}
}

```

```

WorkerState {
  id integer($int64)
}

```

```

WorkerWState {
  id integer($int64)
  worker Worker    {...}
  workerState WorkerState {...}
}

```