## ICT302 Project (Appointment Mate)

### API Documentation

Base URL: `http://api.fyp.darren.li`

#### Authentication

POST `/auth/register`

```

Request:

{

"email": "test02@gmail.com",

"password": "password",

"role": "attendee",

"first\_name": "Darren",

"last\_name": "Li"

}

Response:

{

"email": "test02@gmail.com",

"first\_name": "Darren",

"last\_name": "Li",

"role": "attendee",

"updated\_at": "2018-10-20 16:31:32",

"created\_at": "2018-10-20 16:31:32",

"id": 10,

“status”:OK (can be OK and fail, if status is fail, please provide me with error message, just say duplicate user email or something),

“message”:”this user name is existed” (don’t want message also can, but need status )

}

```

POST `/auth/login`

```

Request:

{

"email": "test02@gmail.com",

"password": "password"

}

Response:

{

"access\_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC8xMjcuMC4wLjE6ODAwMFwvYXV0aFwvbG9naW4iLCJpYXQiOjE1NDAwMjQ1MzksImV4cCI6MTU0MDA2NzczOSwibmJmIjoxNTQwMDI0NTM5LCJqdGkiOiJsMzRGdzI0YTlOVlF3Q041Iiwic3ViIjoxMCwicHJ2IjoiODdlMGFmMWVmOWZkMTU4MTJmZGVjOTcxNTNhMTRlMGIwNDc1NDZhYSJ9.wzK7AXa6k6868pZTPUv1DhGi7brFP3L6Qb91RumNLxg",

"token\_type": "bearer",

"expires\_in": 43200

}

```

POST `/auth/logout`

```

Response:

{

"message": "Successfully logged out"

}

```

### forgetPassword

Post ‘/auth/forget-password’

{email:”user@gmail.com”}

Response:

{

Status:”OK”,

Message:”email not existed in system” (if fail, please provide the message

}

#### Profile

GET `/auth/me`

```

Response:

{

"id": 10,

"email": "test02@gmail.com",

"first\_name": "Darren",

"last\_name": "Li",

"role": "attendee",

"created\_at": "2018-10-20 16:31:32",

"updated\_at": "2018-10-20 16:31:32"

}

```

POST `/auth/me`

```

Request:

{

"first\_name": "Derek"

}

Response:

{

"id": 10,

"email": "test02@gmail.com",

"first\_name": "Derek",

"last\_name": "Li",

"role": "attendee",

"created\_at": "2018-10-20 16:31:32",

"updated\_at": "2018-10-20 16:39:39"

}

```

#### Users

GET `/users`

```

Response:

[

{

"id": 1,

"email": "admin@gmail.com",

"first\_name": "Bennie",

"last\_name": "Rowe",

"role": "convenor",

"created\_at": "2018-10-20 16:27:15",

"updated\_at": "2018-10-20 16:27:15"

},

...

]

```

POST `/users`

```

Request:

{

"email": "test003@gmail.com",

"password": "password",

"first\_name": "Gowen",

"last\_name": "Smith",

"role": "attendee"

}

Response:

{

"email": "test003@gmail.com",

"first\_name": "Gowen",

"last\_name": "Smith",

"role": "attendee",

"updated\_at": "2018-10-20 16:46:03",

"created\_at": "2018-10-20 16:46:03",

"id": 11

}

```

UPDATE `/users/{id}`

```

Request:

{

"first\_name": "Chad"

}

Response:

{

"id": 11,

"email": "test003@gmail.com",

"first\_name": "Chad",

"last\_name": "Smith",

"role": "attendee",

"created\_at": "2018-10-20 16:46:03",

"updated\_at": "2018-10-20 16:47:38"

}

```

DELETE `/users/{id}`

```

Response: 200 OK

```

#### Locations

GET `/locations`

```

Response:

[

{

"id": 1,

"name": "Jaskolski Locks",

"address": "47771 Burdette Light\nLake Erna, WI 05006-6933",

"postal": "768936",

"created\_at": "2018-10-20 16:27:15",

"updated\_at": "2018-10-20 16:27:15"

},

...

]

```

POST `/locations`

```

Request:

{

"name": "JasGelski Locks",

"address": "47792 Burdette Light 05006-6933",

"postal": "768986"

}

Response:

{

"name": "JasGelski Locks",

"address": "47792 Burdette Light 05006-6933",

"postal": "768986",

"updated\_at": "2018-10-20 16:49:20",

"created\_at": "2018-10-20 16:49:20",

"id": 6

}

```

UPDATE `/locations/{id}`

```

Request:

{

"name": "JasGelski Locks 2"

}

Response:

{

"id": 6,

"name": "JasGelski Locks 2",

"address": "47792 Burdette Light 05006-6933",

"postal": "768986",

"created\_at": "2018-10-20 16:49:20",

"updated\_at": "2018-10-20 16:49:44"

}

```

DELETE `/locations/{id}`

```

Response: 200 OK

```

#### Appointments

GET `/appointments`

```

Response:

[

{

"id": 1,

"attendee\_id": 8,

"location\_id": 5,

"starts\_at": "2018-02-21 04:33:01",

"ends\_at": "2018-02-21 05:03:01",

"confirmed": 1,

"created\_at": "2018-10-20 16:27:15",

"updated\_at": "2018-10-20 16:27:15"

},

...

]

```

POST `/appointments`

```

Request:

{

"attendee\_id": 7,

"location\_id": 3,

"starts\_at": "2018-10-21 14:30:00",

"ends\_at": "2018-10-21 15:00:00",

"confirmed": 1

}

Response:

{

"attendee\_id": 7,

"location\_id": 3,

"starts\_at": "2018-10-21 14:30:00",

"ends\_at": "2018-10-21 15:00:00",

"confirmed": 1,

"updated\_at": "2018-10-20 16:50:55",

"created\_at": "2018-10-20 16:50:55",

"id": 11

}

```

UPDATE `/appointments/{id}`

```

Request:

{

"starts\_at": "2018-10-21 10:30:00",

"ends\_at": "2018-10-21 11:00:00"

}

Response:

{

"id": 11,

"attendee\_id": 7,

"location\_id": 3,

"starts\_at": "2018-10-21 10:30:00",

"ends\_at": "2018-10-21 11:00:00",

"confirmed": 1,

"created\_at": "2018-10-20 16:50:55",

"updated\_at": "2018-10-20 16:51:28"

}

```

DELETE `/appointments/{id}`

```

Response: 200 OK

```

### AppointmentCreate

Post ‘/auth/get-all-appointment-slot’;

{month:”09”,

year:’2018’}

Response:

{slots:[

{monday:

{status:'available',

day:27,

isInMonth:'YES',

slots:[{

startTime:'10:30 am',

endTime:'11:00 am'

},{

startTime:'11:00 am',

endTime:'11:30 am'

} ] },

Tuesday:{},

……..

}]

(response data will be ResultDTO<Week>, in side week, we have Monday, Tuesday… to Sunday (object, or class),

Inside Monday, we have {status:'available',(**indicate whether have any available slot for user** to book)

day:27, (date of the month)

isInMonth:'YES', (inside selected month,)

slots:[{ (list of available slot of that day

startTime:'10:30 am',

endTime:'11:00 am'

location:string

},{

startTime:'11:00 am',

endTime:'11:30 am'

location:string

} ] },

Status:”OK”,

Message:”email not existed in system” (if fail, please provide the message)

}

this.getAllappointmentList = function(id){

return Restangular.one(prefix + '/get-all-appointmentList'+'/'+id).get();

};

Path:????/get-all-appointmentList

Post {

userEmail

}

//return list <appointmentDTO>

Response[

{

appointmentID:int

statusName:string

startTime:date

endTime:date

location:string

}

]

this.getAllappointmentStatus = function(id){

return Restangular.one(prefix + '/get-all-appointment-status').get();

};

Post path/???

Response:

[

{statusCode:string

statusName:string

}

]

this.getAllAppointmentListBySearch = function (params) {

return Restangular.all(prefix + '/get-all-appointment-list-by-search').post(params);

};

Post path/???

Request{

statusCode:string

startTime:date

endTime:date,

pageSide:integer

pageNumber:integer

userEmail:userID

}

//according to search criteria to return the appointment list

//return list <appointmentDTO>

Response[

{

appointmentID:int

statusName:string

startTime:date

endTime:date

location:string

}

]

this.downloadCsv = function (month){

return Restangular.all(prefix + '/download-all-appointment-list').post(month);

};

Post path/???

Request{

statusCode:string

startTime:date

endTime:date,

pageSide:integer

pageNumber:integer

userEmail:userID

}

//according to search criteria to return the appointment list in CSV format

//return list <appointmentDTO>

Response[

{

appointmentID:int

statusName:string

startTime:date

endTime:date

location:string

}

]

this.getAllAppointmentListByDay=function (param){

return Restangular.all(prefix + '/get-all-available-slot-for-day').post(param);

};

var param={

startTime:date,

endTime: date }

//return list of available slot

response

[{

statusName:

startTime:date,

endTime:date,

location:

id:

}]

-----cancel appointment---

this.cancelAppointment=function(id){

return Restangular.all(prefix + '/cancel-appoinment').post(id);

}

//appointment id

Param{

Id:integer}

Response:{

Status: YES/NO

Message: string

} indicate whether function success or fail

-----change appointment

So I will pass current appointment ID as previousAppoinmentID, and list <integer> of selected appointment id, change status current appointment

this.changeAppointment=function(param){

return Restangular.all(prefix + '/change-appoinment').post(param);

}

var param={

currentAppoinmentID:Integer,

selectedappointmentIDs:List<integer>

}

Response={

Status:’’YES/NO’,

Message:string}