

MOBILE CLOUD COMPUTING

RESTFUL API USER'S MANUAL

DATA

EVENT

```
username: String,  
name: String,  
description: String,  
dateStartEvent: Date,  
dateEndEvent: Date,  
calendar: String,  
place: String,  
color: String,  
sharedWith: []
```

CALENDAR

```
name: String,  
description: String,  
owner: String,  
sharedWith: []
```

USER

```
username: String,  
password: String,  
token: String,  
lastAction: Date
```

GET

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS

RESPONSE
Json with all the user's calendar

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS/: ID

RESPONSE
Json with all the informations about that calendar

/USERS/:USERNAME/TOKEN/:TOKEN/EVENTS

RESPONSE
Json with all the user's events

/USERS/:USERNAME/TOKEN/:TOKEN/EVENTS/:ID

RESPONSE
Json with all the informations about that event

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS/:ID/EXPORT

RESPONSE
Json with the information of that calendar and all the events related to it

POST

/LOGINCHECK

REQUEST	RESPONSE
Json with username and password of the user	Json with all the user's informations and the new Token

/REGISTRATION

REQUEST	RESPONSE
Json with username and password of the user	Json with all the user's informations and the new Token

/USERS/:USERNAME/TOKEN/:TOKEN/SEARCH

REQUEST	RESPONSE
Json with "fileName":"fieldValue" of the search	Json with events matching the request

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS

REQUEST	RESPONSE
Json with information on the new calendar	Json with status

/USERS/:USERNAME/TOKEN/:TOKEN/EVENTS

REQUEST	RESPONSE
Json with information on the new events	Json with status

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS/IMPORT

REQUEST	RESPONSE
Json with username and password of the user	Json with status

DELETE

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS/:ID

RESPONSE
Json with status

/USERS/:USERNAME/TOKEN/:TOKEN/EVENTS/:ID

RESPONSE
Json with status

PUT

/USERS/:USERNAME/TOKEN/:TOKEN/CALENDARS/:ID

REQUEST	RESPONSE
Json with "fileName":"fieldValue" that you want to update	Json with the updated calendar

/USERS/:USERNAME/TOKEN/:TOKEN/EVENTS/:ID

REQUEST	RESPONSE
Json with "fileName":"fieldValue" that you want to update	Json with the updated event