

Database Rest API Documentation

Package/NPM Dependencies:

- body-parser
- detenv
- express
- mysql
- bcryptjs
- multer
- jsonwebtoken
- file-type

Rest API Link:

<https://alarmbuddy-312620.uc.r.appspot.com/>

Calls:

- User Information: <https://alarmbuddy-312620.uc.r.appspot.com/users/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - ```
curl -X GET https://alarmbuddy-312620.uc.r.appspot.com/users/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImtpvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjozNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3uf"
```
- Creating New User: <https://alarmbuddy-312620.uc.r.appspot.com/register>
  - POST request
  - Variables/Arguments
    - username
    - password
    - firstName
    - lastName
    - email
    - phoneNumber
    - birthdate
  - Example using cURL:
    - ```
curl -X POST -d "username=helo&password=helo&firstName=aaron&lastName=marshall&email=test@gmail.com&phoneNumber=777-777-7777&birthDate=1998-10-27" https://alarmbuddy-312620.uc.r.appspot.com/newUser
```
- Get Friends: <https://alarmbuddy-312620.uc.r.appspot.com/friendsWith/{username}>
 - GET request

- {username} = the user's username as listed on their account
- Example using cURL:
 - curl -X GET https://alarmbuddy-312620.uc.r.appspot.com/friendWith/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3uf"
- Login: <https://alarmbuddy-312620.uc.r.appspot.com/login>
 - POST request
 - Example using cURL:
 - curl -X POST -d "username=johnny&password=helo" https://alarmbuddy-312620.uc.r.appspot.com/login
- Download Sound: <https://alarmbuddy-312620.uc.r.appspot.com/download/{username}/{soundID}>
 - GET request
 - {username} = the user's username as listed on their account
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:
 - curl -X GET https://alarmbuddy-312620.uc.r.appspot.com/download/johnny/31 -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Upload Sound: <https://alarmbuddy-312620.uc.r.appspot.com/upload/{username}>
 - POST request
 - {username} = the user's username as listed on their account
 - Variables/Arguments
 - file
 - Example using cURL:
 - curl -X POST -F "file=@/path_to_file" -F "soundDescription=this is some description of the sound" https://alarmbuddy-312620.uc.r.appspot.com/upload/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- User Sound List: <https://alarmbuddy-312620.uc.r.appspot.com/sounds/{username}>
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X GET https://alarmbuddy.wm.r.appspot.com/sounds/johnny -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"

1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I
2NVCuK3us"

- Delete Sound: *https://alarbuddy-312620.uc.r.appspot.com/deleteSound/{username}/{soundID}*
 - DELETE request
 - {username} = the user's username as listed on their account
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:
 - curl -X DELETE https://alarbuddy-312620.uc.r.appspot.com/deleteSound/johnny/31 -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImPvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Set Profile Picture: *https://alarbuddy-312620.uc.r.appspot.com/setProfilePicture/{username}*
 - POST request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - curl -X POST -F "file=@/path/to/file.png" https://alarbuddy-312620.uc.r.appspot.com/setProfilePicture/johnny -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImPvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Get Profile Picture: *https://alarbuddy-312620.uc.r.appspot.com/getProfilePicture/{username}/{usernameOfPfpToGet}*
 - GET request
 - {username} = the user's username as listed on their account
 - {usernameOfPfpToGet} = the user's username of profile photo to get
 - Example using cURL:
 - curl -X GET https://alarbuddy-312620.uc.r.appspot.com/getProfilePicture/johnny/johnny -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImPvaG5ueSIsImhhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"
- Share Sound: *https://alarbuddy-312620.uc.r.appspot.com/shareSound/{sender}/{receiver}/{soundID}*
 - POST request
 - {sender} = the username of the user attempting to send a sound
 - {receiver} = the username of the user that should receive the sound
 - {soundID} = the ID of the sound in the database – use /sounds handler to get list of sounds user owns
 - Example using cURL:

- `curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/shareSound/jeff/johnny/28 -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"`
- Get Incoming Friend Requests: *https://alarmbuddy-312620.uc.r.appspot.com/requests/{username}*
 - GET request
 - {username} = the user's username as listed on their account
 - Example using cURL:
 - `curl -X GET https://alarmbuddy-312620.uc.r.appspot.com/requests/johnny -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"`
- Sending Friend Request: *https://alarmbuddy-312620.uc.r.appspot.com/sendRequest/{sender}/{receiver}*
 - POST request
 - {sender} = username of person sending the request
 - {receiver} = the username of person to send friend request to
 - Example using cURL:
 - `curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/sendRequest/johnny/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"`
- Accepting Friend Request: *https://alarmbuddy-312620.uc.r.appspot.com/acceptFriendRequest/{receiver}/{sender}*
 - POST request
 - {receiver} = the username of person to send friend request to
 - {sender} = username of person sending the request
 - Example using cURL:
 - `curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/acceptFriendRequest/johnny/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyYQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"`
- Canceling Friend Request: *https://alarmbuddy-312620.uc.r.appspot.com/cancelFriendRequest/{sender}/{receiver}*
 - POST request
 - {sender} = username of person sending the request
 - {receiver} = the username of person to send friend request to
 - Example using cURL:

- curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/cancelFriendRequest/johnny/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWetSLyx7T0Jow68_duzyNIVezF__l2NVCuK3us"
- *NOTE: only person that sent the friend request can cancel the request
- Denying Friend Request: <https://alarmbuddy-312620.uc.r.appspot.com/denyFriendRequest/{receiver}/{sender}>
 - POST request
 - {receiver} = the username of person to send friend request to
 - {sender} = username of person sending the request
 - Example using cURL:
 - curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/denyFriendRequest/johnny/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWetSLyx7T0Jow68_duzyNIVezF__l2NVCuK3us"
 - *NOTE: only person that receives the friend request can deny the request
- Deleting Friend: <https://alarmbuddy-312620.uc.r.appspot.com/deleteFriend/{username}/{friend}>
 - POST request
 - {username} = the user's username as listed on their account
 - {friend} = username of friend to remove
 - Example using cURL:
 - curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/deleteFriend/johnny/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWetSLyx7T0Jow68_duzyNIVezF__l2NVCuK3us"
- Block User: <https://alarmbuddy-312620.uc.r.appspot.com/blockUser/{username}/{userToBlock}>
 - POST request
 - {username} = the user's username as listed on their account
 - {userToBlock} = the user's username as listed on their account
 - Example using cURL:
 - curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/blockUser/johnny/google -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzlyfQ.PTifpWetSLyx7T0Jow68_duzyNIVezF__l2NVCuK3us"
- Unblock User: <https://alarmbuddy-312620.uc.r.appspot.com/unblockUser/{username}/{userToUnblock}>
 - POST request
 - {username} = the user's username as listed on their account
 - {userToUnblock} = the user's username as listed on their account
 - Example using cURL:

- `curl -X POST https://alarmbuddy-312620.uc.r.appspot.com/unblockUser/johnny/google -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImIhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyfQ.PTifpWEtSLYx7T0Jow68_duzyNIVezF__I2NVCuK3us"`