# Database Rest API Documentation

**Package/NPM Dependencies:**

- body-parser
- detenv
- express
- mysql
- bcryptjs
- multer
- jsonwebtoken
- cors

**Rest API Link:**

- https://alarmbuddy.wm.r.appspot.com

**Calls:**

- User Information: *https://alarmbuddy.wm.r.appspot.com/users/{username}*
    - <u>GET</u> request
    - {username} = the user's username as listed on their account
    - Example using cURL:
        - curl -X GET https://alarmbuddy.wm.r.appspot.com/users/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImlhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyfQ.PTifpWEtSLYx7T0Jow68_duzyNlVezF__I2NVCuK3uf"
- Creating New User: *https://alarmbuddy.wm.r.appspot.com/register*
    - <u>POST</u> 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.wm.r.appspot.com/newUser
- Get Friends: *https://alarmbuddy.wm.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.wm.r.appspot.con/friendWith/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImlhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyfQ.PTifpWEtSLYx7T0Jow68_duzyNlVezF__I2NVCuK3uf"

- Authentication: *https://alarmbuddy.wm.r.appspot.com/login*
  - POST request
  - Example using cURL:
    - curl -X POST -d "username=johnny&password=helo" https://alarmbuddy.wm.r.appspot.com/login

- Download Sound: *https://alarmbuddy.wm.r.appspot.com/download/{username}/{soundName}*
  - GET request
  - {username} = the user's username as listed on their account
  - {soundName} = the name of the sound in the database
  - Example using cURL:
    - curl -X GET https://alarmbuddy.wm.r.appspot.com/download/johnny/erokia.wav -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImlhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyfQ.PTifpWEtSLYx7T0Jow68_duzyNlVezF__I2NVCuK3us"

- Upload Sound: *https://alarmbuddy.wm.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" https://alarmbuddy.wm.r.appspot.com/upload/Don -H "Authorization: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6ImpvaG5ueSIsImlhdCI6MTYxNzg1MDMyMiwiZXhwIjoxNjE3OTM2NzIyfQ.PTifpWEtSLYx7T0Jow68_duzyNlVezF__I2NVCuK3us"