**Uptime Monitoring API**

**Project Specifications:**

* Start the server
* Create, Edit, Delete User
* Token based authentication
* Logout Mechanism
* Set Links & Up/Down
* Edit/Delete links & rate limit
* Check up/down time

File System, Row node API

**Note:** to use node environment variable first need to run this command into cmd or vs code terminal: NODE\_ENV=production. Here production means environment variable value

res.setHeader("content-type", "application/json");

use this to notify client that which type of data server pass to client

* Handle error handling while passing realData means post data. Use trycatch and if any error occur then set realData as empty object otherwise in try block set it to realData.
* Do it into another function(realData)… inside ‘parseData(jsonString)’ use try catch and use one variable. Return actual data inside try block and return empty inside catch block
* /\*
* \* Title: Utilities
* \* Description: Important utility functions
* \* Author: Masud Rana
* \* Date: 26/10/2023
* \*/
* // Dependencies
* // module scaffolding
* const utilities = {};
* // parse JSON string to Object
* utilities.parseJSON = (jsonString) => {
* let output = {};
* try {
* output = JSON.parse(jsonString);
* } catch (error) {
* output = {};
* }
* return output;
* };
* // export module
* module.exports = utilities;

**Crypto module for password hashing:**

We can hash a password using node core module crypto

We use HMAC to hash. Here we can put own secret key