Dependencies

The files package.json, package-lock.json, and the node\_modules folder must be generated using npm. The following is a list of dependencies that must be installed:

  "dependencies": {

    "async": "^3.2.4",

    "body-parser": "^1.20.1",

    "bootstrap": "^5.3.0-alpha1",

    "cookie-parser": "~1.4.4",

    "cors": "^2.8.5",

    "debug": "~2.6.9",

    "dotenv": "^16.0.3",

    "ejs": "^3.1.8",

    "express": "^4.18.2",

    "http-errors": "~1.6.3",

    "mongo-sanitize": "^1.1.0",

    "mongoose": "^6.8.2",

    "morgan": "~1.9.1",

    "web-push": "^3.5.0"

  }

Environment Variable Setup

A file labeled **.env** must be created in the /api directory. This file includes the following variables:

VAPID\_PUBLIC – “” //public key for push notifications

VAPID\_PRIVATE – “” //private key for push notifications

VAPID\_MAILTO – “” //email for push notifications

DB\_CONNECT\_URL – “” //url for database connection

ESP\_PSWD – “” //password sent by the ESPs to access the /logLaundryData route

VAPID Key Generation

VAPID keys were generated using the web-push package. Using the command **web-push generate-vapid-keys –json**, a public and private key can be generated. Make sure to also put the VAPID public key in the environment variables of the Angular client.