**Whisper Mom – Application Documentation**

Term: Spring 2021

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Individual Project Unit #1 and 3

**Section I: Team Details**

Team Members: Satria Priambada

TA Mentor: Tia Pope

Industry Advisor: Elizabeth Shivers

**Section II – Application**

**Application Documentation**

App Name: Whisper Mom

App URL: <https://whisper-mom.herokuapp.com/>

Video Demo: <https://youtu.be/vymlpcCYadQ>

Github Link: <https://github.com/SatriaPriambada/hackgt21-whispermom>

Branch: master

The app was deployed using yarn on Heroku. To build the app follow README on Github Link

**Prerequisite Softwares**

* NodeJS
* Yarn

## Running the Project

In order to run the app on your machines, please follow the below given steps:

1. Run either of the following commands to install dependencies

npm install

OR

yarn

1. If you just want to use the app run in command line and open localhost:9000 on web browser

yarn start

ELSE 3. Signup at <https://pusher.com/signup>.

1. Create a new app to obtain the API Key, secret & appId.

Replace the respective key, secret & appId for pusher initialisation in **server.js** file with your values:

var pusher = new Pusher({

appId: '<your-app-id>',

key: '<your-api-key>',

secret: '<your-app-secret>',

encrypted: true

});

1. Finally you will have to also replace your app-key in **app.js** file too:

...

pusher = new Pusher('<your-api-key>', {

authEndpoint: '/usersystem/auth',

encrypted: true

}),

...

1. Now we are ready to run our app using the following node commands

yarn start

1. We will be able to access the app at [http://localhost:9000](http://localhost:9000/)

Credits for base code goes to [https://twitter.com/mappmechanic and lab-3.2 cs6440](https://twitter.com/mappmechanic%20and%20lab-3.2%20cs6440)

**Deployment**

## Make Sure to have correct node version

You should always specify a Node.js version that matches the runtime you’re developing and testing with. To find your version locally:

$ node --version

v14.15.4

First, ensure that your application is using the heroku/nodejs buildpack:

$ heroku buildpacks

=== issuetriage Buildpack URLs

1. heroku/nodejs

1. Specify Yarn packages

If a yarn.lock file is found at the root of your application along with package.json, Heroku will download and install Yarn and use it to install your dependencies. However, you should specify which version you are using locally so that same version can be used on Heroku.

{

"name": "myapp",

"description": "a really cool app",

"version": "1.0.0",

"engines": {

"yarn": "1.x"

}

}

By default, Heroku will install all dependencies listed in package.json under dependencies and devDependencies.

After running the installation and [build steps](https://devcenter.heroku.com/articles/nodejs-support#heroku-specific-build-steps) Heroku will strip out the packages declared under devDependencies before deploying the application.

Heroku uses the lockfiles, either the package-lock.json or yarn.lock, to install the expected dependency tree, so be sure to check those files into git to ensure the same dependency versions across environments. If you are using npm, Heroku will use npm ci to set up the build environment.

1. Push code to Heroku

By default NODE\_ENV is set to production. If NODE\_ENV is any other value, the pruning step will be skipped.

$ git push heroku main

1. (Optional) Configure to always build every time there’s a new push to master branch. I did this to make deployment automatic

Credit for original Heroku documentation form <https://devcenter.heroku.com/articles/nodejs-support>