# Implementation

**Pre-requisites:**  
  
Following are the pre-requisite applications that are required:  
  
**Visual Studio Code:** https://code.visualstudio.com/

**Node.js/NPM:** <https://docs.npmjs.com/downloading-and-installing-node-js-and-npm>

**MySQL/Workbench:**

* For Mac:

MySQL - https://dev.mysql.com/doc/refman/5.7/en/macos-installation-pkg.html

Workbench - <https://dev.mysql.com/doc/workbench/en/wb-installing-mac.html>

* For Windows:

MySQL - <https://dev.mysql.com/doc/refman/5.7/en/windows-installation.html>

Workbench - <https://dev.mysql.com/doc/workbench/en/wb-installing-windows.html>

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**Setup Instructions:**

**Frontend and Backend Repo Setup:**

* Following are the two repos for the backend and the frontend.

Backend: <https://github.com/anujtuteja1993/CapstoneBackend.git>

Frontend: <https://github.com/anujtuteja1993/CapstoneFrontend.git>

Either clone the repos or download them as zip.

* Change the directory to the git repos using the terminal and enter the following command for both the repos:

npm install

* For backend, create a .env and add the following to it if it doesn’t exist:

PORT=8000

GAMES\_API\_ENDPOINT="https://api.rawg.io/api/"

GAMES\_API\_KEY=\*Your RAWG API Key\*

ACCESS\_TOKEN\_SECRET = jsfgfjguwrg8783wgbjs849h2fu3cnsvh8wyr8fhwfvi2g225

REFRESH\_TOKEN\_SECRET = 825y8i3hnfjmsbv7gwajbl7fobqrjpasted-image.tifffvbs7gbfj2q3bgh8f42

DB\_PASSWORD=admin

DB\_NAME=capstone\_database

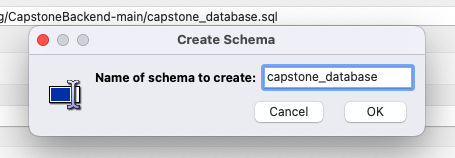
DB\_USER=root

DB\_HOST=localhost

DB\_PORT=3306

**\*To get your own RAWG API key, follow the instructions on: https://rawg.io/apidocs**

**MySQL Setup:**

* Open MySQL Workbench and connect to localhost.
* To import the data, use the ‘capstone\_database.sql’ in the backend repo folder.
* Click on Server -> Data Import:
* Then select ‘Import from Self-Contained File’ and browse to the ‘capstone\_database.sql’ file and select it.
* For the Default Target Schema, click on the button ‘..New’ and set the name as ‘capstone\_databapasted-image.tiffse’.

**\*You can give it any name but remember to change DB\_NAME in the .env file set up in the previous steps.**

* Also, change the DB\_USER and DB\_PASSWORD to your MySQL Server root Username and Password.

**Launching the App:**

* To launch the app, open two separate terminal windows and change the directory to CapstoneFrontend and CapstoneBackend folders.
* Type ‘npm start’ in the backend terminal, followed by ‘npm start’ in the frontend terminal and a browser window should automatically open and you should see the website. If it doesn’t automatically open the browser window, type in <http://localhost:3000/> in the browser’s address bar.