

HTML5 Tower Defense Game:

Installation

**Oregon State University
CS467 Capstone Project
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Installation

Website access: flip1.engr.oregonstate.edu:8181 (OSU VPN required)

GitHub repo: <https://github.com/caseycheek/cs467-capstone>

Note: Tested on Windows 10 21H2, Ubuntu 20.04.3 LTS, Chrome v96.0.4664.45

- **To access via web:**
 1. Log in to the OSU VPN
 2. Navigate to flip1.engr.oregonstate.edu:8181
 - 3.
- **To install and access locally:**

Prerequisites: Up to date Node.js and npm are required

<https://nodejs.org/en/download/>

Dependencies:

- Express, v4.17.1 or later
- Phaser, v3.55.2 or later

Otherwise:

1. Download source code either through GitHub repo or use the provided source code folder found in this zip file.
2. **For Windows:** Open the Windows Command Prompt (Windows Key + X) or Powershell terminal.
3. **For Linux:** Open/use terminal.
4. **If utilizing an IDE**, such as Visual Studio, simply open the project folder and click “**Terminal**” and then “**New Terminal**.”
5. In the terminal, make sure you are in the project directory that contains the **package.json** file. If you're not in the project folder, navigate to that folder using the “**cd**” folder name command (in terminal) till you reach the **package.json** file.
6. Type the command: “**npm i**” to install dependencies
7. In the same directory and where **server.js** is found, start the project by running the command: “**node server.js**”
8. On your browser, navigate to localhost:8080 and access the game