

Spectrum Club,  
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Bhubaneswar  
www.spectrumcet.com



**Dear Intern,**

Welcome to your Web Development Internship. We will be dividing this internship in three different parts: **Stage 0, Stage1 and Stage 2.**

-**Stage 0** and **Stage 1** will merely be simple tasks.

-**Stage 2** will be project “**Eratos**” named after the renowned cartographer Eratosthenes, implementing the above two tasks. The details of the project will be updated with every stage.

In every stage, you must submit your tasks **by uploading it to the Github and Submitting the Github Link** or **by adding files to a Google Drive, and sharing the public link.**

Go ahead, check the technology stack, learn more and implement. Hope you ~~build~~ design your best website.

*<!-- Building a website is easy, designing one takes the skill -->*

## **Prerequisites:**

Wait!! Before you start your journey as a WebDev, make sure you are acquainted with the following things. So that you can have a smooth beginning.

- Have a hands-on experience of **HTML and CSS**. Try creating simple forms. You can learn things in parallel to the completion tasks. But it is preferable to learn the basics earlier. If you are confused about where to start, go check the **Resources** section in the end of the pdf.

- Second thing, is to **choose an IDE** like Sublime Text, VSCode etc. for your work, as it is better than working in Notepad. Find your ~~Soulmate~~ **IDE**.

- Third Thing is to work with a version control system. Git commands might seem scary as a beginner. So better to start with basic operations **using Github**. Again, if you are confused about where to start, we have your back. Go check the **Resources** section in the end of the pdf. Try doing the following simple tasks:



1- Go to Spectrum Internship Repository

(Link: - <https://github.com/Spectrum-CETB/spectrum-internship-drive>)

2- Fork the Repository.

3- Clone and Download the Repository

4- Add your name and regd no to Read me file.

5- Create a Pull Request.

- Fourth Thing is just, **be Creative, be Curious**. Google for web development terms you don't know. Always be ready to learn a new thing.

That's it. You are ready. Go for the Stage-0.

Wishing you Luck for a great journey ahead.

## Technology Stack to be used:

We will be dealing only with the Frontend in this internship

- HTML      -CSS      -JS

## Stage 0:

### Tasks:

Let's begin the "**Eratos**" journey. As you know, a cartographer is one who creates map. That's what we would be creating in the last stage, an Interactive Map. For a great outcome let's take our first step.

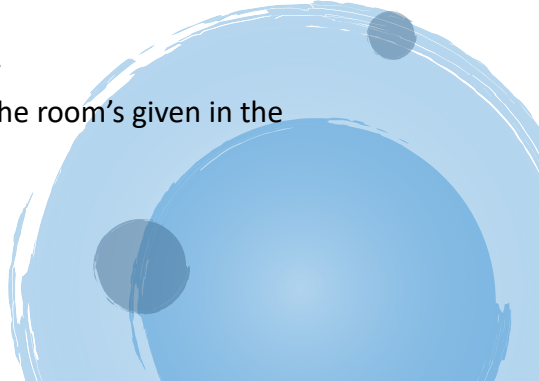
- 1- Create **3** pages. A) ground\_floor.html B) first\_floor.html C) second\_floor.html.
- 2- You can find 3 images in the layout section. Use them as the background in the html file.
- 3- Divide each section using <div>, assigning them a unique class name with a head tag in between.


For example:

```
<div name="principal_room"><h3>Principal room</h3></div>
```

Make sure the divisions are of perfect shape (using css) as of the room's given in the map.

(NOTE: use the position attribute wisely in the file)

- 4- Color the divisions with the same color they have.
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- 5- Add buttons at the staircases linking to rest pages.
  - 6- Do mention a comment in the file about the resolution of your Screen at which you are designing the page.
  - 7- Be ready with your CSS and Basic JavaScript, to fight in the next Stage.

**That's it for now, See you in the next Stage.**

**Good Luck!**

**LAST DATE OF SUBMISSION: 05 - May - 2020**

#### **RESOURCES:**

**As** promised above, here are the links. Make the best use of it. And of course, you can learn things from other reliable sources. Do whatever you want to do, but **learn**.

- 1- Better start with HTML Crash Course - <https://www.youtube.com/watch?v=UB1O30fR-EE>
- 2- Want to beautify your HTML code? CSS has your back ;) - <https://www.youtube.com/watch?v=yfoY53QXEnI>
- 3- I guess you have already met with your Soul IDE.
- 4- Github - [https://www.youtube.com/watch?v=SWYqp7iY\\_Tc](https://www.youtube.com/watch?v=SWYqp7iY_Tc) ( that's boring but is important)  
<https://www.youtube.com/watch?v=wXGa0bDvFWA> (Uploading Files in Github)  
<https://www.youtube.com/watch?v=e3bjQX9jIBk> (Making a Pull request)
- 5- Need to make code functional? Oh! JavaScript - <https://www.youtube.com/watch?v=hdl2bqOjy3c>
- 6- Wait! If you aren't satisfied with the above ones, <https://www.w3schools.com/> is always there.

**Here are some Task-0 related videos:-**

- 1- <https://www.youtube.com/watch?v=k32vogQhODc>
  - 2- <https://www.youtube.com/watch?v=wmAP2xvNs08>
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Warm regards,

**SPECTRUM, CET-B**

