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ENL1813T – Communications I

**RESEARCH SOURCES**

SOURCE #1:

1. My first source is from a website owned by a computer parts corporation called Intel Corporation. Intel manufactures processors found in most laptops today. They own most of the market shares in this industry [4]. They are one of the most, if not the most, credible sources of definitions relating to computer processors. They work with the biggest laptop manufacturers such as HP, Lenovo, and Acer. They also manufactured the processor of the laptop that I am currently working on right now.
2. I found this source by googling the words “RAM vs processor.” It was easy to find this link because it was on the first page of Google’s search engine. The subsequent search results also seemed credible, but I chose Intel because they are the top producer of processors.
3. Intel declares that we need to consider the processor and Random Access Memory when choosing laptops for small businesses. They said that “the processor, also known as the CPU, provides the instructions and processing power the computer needs to do its work” [1].
4. One of my criteria for choosing the better laptop for front-end developers is the processor. I will be using their definition in my report.

SOURCE #2:

1. My second source is from a non-profit learning web platform called Free Code Camp. They offer free courses for those who want to learn how to code or those who want to expand their knowledge in coding. The languages they teach include Python, C#, and JavaScript. They have also been featured by international multimedia companies like TIME, BBC, and The New York Times.
2. I went on Google and typed the words “define front-end developers.” They were not on the topmost part of the first page of Google’s search results, but I decided to use them because Free Code Camp is a credible source. I have used their tutorials on YouTube countless times. The teachers from Free Code Camp have helped me get through my toughest core subjects.
3. This article explains the definition of Front-End Development and what its developers do. It also explains what skills are necessary to become successful in this field. The author indicates that “everything you see on a website, like buttons, links, animations, and more, were created by a front end web developer” [2]. She said that a front-end developer realizes the client’s vision. It is necessary to learn HTML, CSS, and JavaScript to become a successful front-end developer.
4. My report is about finding a better laptop for a front-end developer. Before I discuss laptops, I need to first explain to my audience what front-end development is and what its developers focus on. I will be using FreeCodeCamp’s definition of front-end development.

SOURCE #3:

1. My third source is from Adobe Inc. Adobe is a creative and design software company. They produce some of the most popular software used by most digital designers, such as Photoshop, Illustrator, and Premiere Pro.
2. I used Google to search for “UI and UX Design.” Like my second source, Adobe’s article was not on the topmost part of Google’s search results. I still chose them as my source because they are credible. They are also very popular even among laypersons and their products are used by several designers across the world.
3. The article explained the differences between UX (User Experience) and UI (User Interface), two technical terms that developers will frequently come across. UX refers to “the experience that a person has as they interact with a product”, while UI “is a place where interactions between humans and machines occur” [3].
4. I will use Adobe’s definitions to further explain what front-end designers do and what their roles are in UI/UX design. Some laypersons are not familiar with what front-end developers do. Adobe’s definition will help me give a better explanation of the work that front-end developers focus on.

**REFERENCES**

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[2] J. Wilkins, "freeCodecamp," 23 April 2021. [Online]. Available: https://www.freecodecamp.org/news/front-end-developer-what-is-front-end-development-explained-in-plain-english/. [Accessed 28 March 2022].

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[4] V. Tiwari, "AMD's Comeback in the CPU Market Share with the Launch of Ryzen," Circuits Journal, 10 December 2021. [Online]. Available: https://d1wqtxts1xzle7.cloudfront.net/79062358/research\_paper-with-cover-page-v2.pdf?Expires=1649135402&Signature=TnVZsQZe0AcAfvpxxR38~H04i5HEWL4to9sjVnxsWlUX5K~WnesvvK34DUslb6ev50JZJg9jwV1PlH1kzaUExl4j4B8ut6Xfg-WXi2v1RCneGHx4rVw4itlLvMH4fzwauSWW3ndT6l~Ta. [Accessed 3 April 2022].