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CSIT335 - Intro to Human Computer Interaction
Dr. Zhou
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Module 2: Project Proposal (Part I)



- Project Title:
 - EZPC Builder Website
- Name:
 - Arthur Levitsky
- What problem are you trying to solve? What benefit will it have to society or a specific community?
 - The problem I am trying to solve is that I am trying to create a website where **any person** with access to the internet that has or **doesn't have knowledge** of computers, can construct their own custom computer **with a simple yet informative** user interface and have the option to **be shipped as built or not**.
 - For people that require more assistance (especially those without computer knowledge), the website will feature a **computerized assistant named EZPC**, that will ask the user questions about what they want to do with the system (similar to psychology tests). The end result will be a list of computer parts that the **assistant will recommend** based on your output. Explanations will be provided and percentages will be provided.
 - Many PC builder websites have **very confusing interfaces** that deter people with no knowledge about computers to build a custom computer for themselves. These **PC builder websites offer no extra alternatives** such as computerized assistants or short information blurbs to keep users on track of what they are doing.
 - Based on **personalization in psychology**, people love to have things that are custom since they grow a bigger attachment and relationship around those things.

But not everyone has the time to build their own computers given the parts as well as the knowledge for some. Most PC builder websites provide the parts but **not the service.**

- The benefit is that a large population of our society that has access to the internet will have the ability to create their own custom computers without needing intensive knowledge about computers. **People tend to purchase prebuilt computers** because they don't have the knowledge about computers or that they just don't have the time to build their own. However the **price of prebuilt computers are way more** compared to a custom built computer. Prebuilt **are also not custom**, so you may be **paying more for a certain part that you don't really need.** Having this website will **help people stop purchasing overly expensive prebuilt computers** that aren't worth their price tags by **growing more knowledge about computers** as well as **having the option to customize their computers based on what is important to the user.**
- What are the target users?
 - This website **targets any type of user that has or doesn't have knowledge about computers** but has **access to a stable internet connection** to be able to surf the world wide web and be able to purchase products through the internet. Preferably, these people should be 13+ years old. This website will currently be supported in English (possible to change in the future) and based in the United States meaning that the target users also have to live within the United States and know how to speak and read in English in order to utilize this website. **This could be for students, educators, families, and even seniors!** This website is not directed to support any other businesses as of this moment (subject to change).