Project Intro. and Feasibility Research

* Group Name and Team Members:
  + Group Name: The Binary Bros
  + Group Members:
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* Project Name: ChatFAU
* Project Description: The program we wish to develop focuses on providing an interactive, web-based chatbox to users in order to connect with friends or colleagues while engaging in conversations relevant to different arbitrary topics. The backend of this implementation will require robust database structures and effective administration to ensure efficient data management and system performance. Facilitating seamless communication between users, our chat box plans to offer a rich set of features to enhance their experience and engagement, including:
  + Profile customization (image, bio, characteristics, name color)
  + Moderator permissions (/prune, /timeout, /ban)
  + Private messaging between other users
  + Emoji and media support
  + Search and filter options
  + Cross-platform accessibility
* Feasibility report:
  + Summary: There have been plenty of different chat implementations since the beginning of the web. Some examples include AIM (AOL Instant Messenger), Discord, Skype, MSN, etc. Different platforms have provided unique features and methods of communication, which we will consider in our design. We might face challenges regarding the design of front-end user interface(s) and efficiently/securly storing large data.
* Resources:
  + https://github.com/whatsapp
  + https://github.com/discord
  + https://code.tutsplus.com/how-to-create-a-simple-web-based-chat-application--net-5931t
  + https://www.codingpixel.com/how-to-create-an-app-like-whatsapp/
  + https://medium.com/@gargg/how-to-create-your-own-chatbot-in-2023-66c33bb6da07
  + https://www.youtube.com/watch?v=ba4T590JPnw