**Capstone**

**Troy Summerall**

**Title: Learning Flash card App**

**About:** This is going to be an interactive language learning app using flip cards and quizzes.

**Data Source:** I will be using either LibreTranslate Api or MyMemoryTranslate Api with React front and Flask back end

**Challenges:** There will be a challenge in the beginning choosing Api to use because both are free but have limitations.

**Title:** **Digital Planner**

**About:** This is a planner which allows users to customize daily, weekly, and monthly plans.

**Data Source:** I would be using React front end, Node for the backend and PostGreSQL for the database as well as Google Calendar API.

**Challenges:** Learning the API, many moving parts, authentication of users, limited http requests for a given time frame.

**Title:** **AI ChatBot**

**About:** This app will create a chatbot which can be used for personal use.The user will be able to open the app on his or her computer and have dynamic interactions with AI.

**Data Source:** For this app, I will be using ChatGPT3 Api, building the front end with React and using Flask for handling requests from React as well as interacting with Open Ai.

**Challenges:** Understanding the api will probably be a big challenge. Saving conversation for later use and deleting conversations will require thought and research to accomplish.