Inspiration

Our educational system is unfair, but it doesn't have to be. We came together as a passionate group of students to create Guppy—a revolutionary AI companion that allows you to craft your own customized path through higher education. This tool creates pathways towards overcoming the real-life challenges that often prevent people from gaining educational knowledge.

How we collaborated

Ryan, as the only accounting major on our team, had the unique vantage point of using his analytical skills as well as his Uruguayan background to brainstorm solutions to the educational divide in society. The level of education is strongly related to income and wealth, the team was able to mold the solution into an AI companion. Ryan focused on the SWOT analysis of the idea by questioning and figuring out possible angles we can take advantage of. He figured out that some of these issues pertain to lost translation, which can impede learning retention and comprehension. As a solution to overcome this, the AI companion allows users to select their primary language, and it will embody that dialect!

This helped the rest of the group (Computer Science students) to design a product that helped solve problem statements 4 and 10. These problem statements were reducing education inequality and overall inequality among countries. Ryan’s business acumen was key to developing a product that could address these inequalities.

What it does (functionality)

Guppy is an AI companion that can assist and carry a conversation with anyone. One simply selects their preferred language, name, and level of education. All of this so the users' experience is completely personalized and to hedge any degree of loss in translation when searching for an educational answer.

Users are able to choose a language, name, and education level. The AI chat is able to hold a conversation with users as well as generate youtube links, key words, a brief summary, and research articles.

How we built it

We built this project using Next.js and Node.js. We utilized firebase functions written in Node.js which called different Artificial Intelligence tools. We also utilized Figma to design the UI.

Challenges we ran into

We ran into a couple issues involving AI and ML since this was our first time working with either. We had trouble using the google cloud functions that we needed because of authentication problems. We had trouble designing the UI/UX and making it simple for the users.

Accomplishments that we're proud of

We were able to finish an app that used Artificial Intelligence with no prior experience in the topic! We had so much fun developing this application.

What we learned

We learned a lot about the current state of AI and how to use it. This sparked a passion in our whole team for Machine Learning and Artificial Intelligence.

What's next for GuppyAI

We want Guppy to be THE search engine used by people of all educational levels. Guppy will be the key to bridging the divide within the educational system. The first step will be to focus on a niche audience, which we believe will be public schools in the Gainesville area ranging from pre-k to high school. Teachers should allocate time for the students to play around with Guppy for 15 minutes a day to search and do research on anything they are passionate about.

Built With

* gpt3
* openai
* [react](https://devpost.com/software/built-with/react)
* tailwind

Try it out

* [GitHub Repo](https://github.com/digitdustin/gator-ai-days)
* [gator-ai-days.vercel.app](https://gator-ai-days.vercel.app/)