

How did you identify the problem to solve and why did you pick this particular organization, institution or individual?

I have already heard the question “What are we going to do today?” very often. Yet If you google this question you won’t be able to find interesting destinations tailored to your personal preferences. So the problem is, that on days where you are free and have time to experience new things, you don’t have a service that is reliable and fast searching for leisure activity.

Describe your approach. How did you come up with it? Is it the best possible solution? Why?

I created an algorithm that has remote access to a database via a RestAPI. Through the front-end (App or Web), the user can specify parameters like number of people, if the user has a dog, if children are going with the user and so on. With those defined parameters the program is then quiring the database for activities that match the users needs.

I think the basic structure of the program is the foundation for the best approach, but with an AI it would be even better. The AI would then track the user’s habit and creates a perfect trip for the user each time the user presses the button “what should I do today?”

What did you learn in the past few weeks?

I learned to digitally design the Front-End of my application using Adobe XD. Also because I was not good at creating Front-End Apps, I learned how to use Flutter (a Front-End Framework built on the programming language Dart), I also learned how to write faster and more efficient Back-End Code using Flask (Back-End Framework build on the programming language Dart). For the website I also wanted to learn something more frequently used. So I decided to use ReactJS for my website.

GitHub: https://github.com/MoritzPatek/Code_PlanB-Solution.git