Team Food Oasis

Up until this point, we have been using Flask to build our Blackbox for our project, which would send the user data to SQLITE, the RDBMS. Now, with no restrictions and rules as to what we can and cannot use, we are looking into MongoDB, and we will choose whichever one is easier to use. Flask provides us the tools and features to create web application in Python, whereas MongoDB is a general-purpose, document-oriented, NoSQL database program that uses JSON-like documents to store data. It too can integrate well with Python. However, some of us in the group already have experience in Flask, but our experience is limited, hence we are researching to see if MongoDB is easier. It is evident that MongoDB can handle higher volumes of data, allowing the application to evolve quickly and scale elegantly. RDBMS systems based on SQL do not support this scale and fast development cycles for modern applications. Due to the fact our application is quite simple since the GPS API is really the major component to this project, we feel sticking to Flask and having the SQLITE RDBMS is the way to go as it is lightweight and flexible. It will be easier to learn for those of us who do not know it already, and overall, this project does not need constant evolution, so MongoDB may be overkill at this point. We will still actively research, and if we find a compelling reason to use MongoDB, we will implement it in our application.