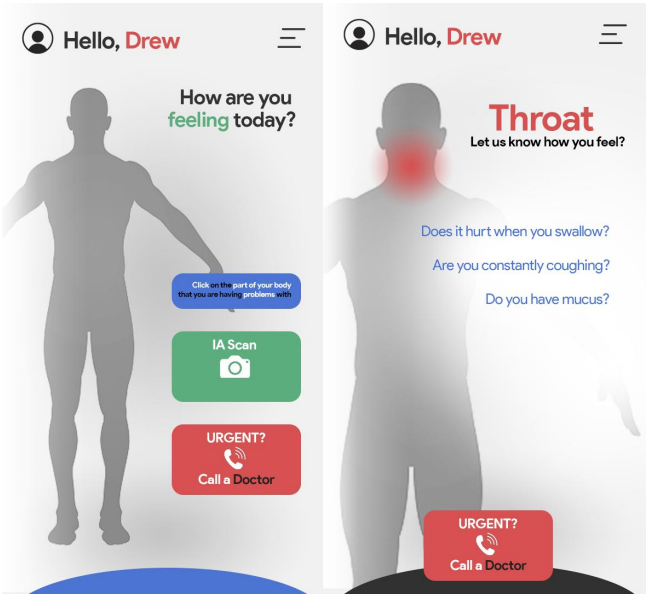
CAREFY

This self-diagnosis application uses big data and machine learning to analyze symptoms and images in order to deliver a reasonable pre-diagnosis.



Nowadays, due to all the online information we are provided, we are used to auto-diagnosing ourselves in a not accurate way. This leads people to misinterpretation and false diagnoses causing scare and worry only. This tool that combines AI, machine learning and big data could be used to create much more accurate detections, as the application will ask questions to have the most accurate response possible. The user will get an answer with a different level of emergency.

Moreover, the app will have the option to use computer vision to detect frequels that are carcinogenic, by taking pictures of a frequel and processing it through an AI. This way the diagnoses can be faster than they are nowadays. This tool already exists but it is too complicated for the users to use it.

The last main feature is the "Emergency Call" button, which will call 911 immediately. More than that, this will also reach an emergency contact like a family member or a friend, this will be asked to the user in the initial setup.

Even if the main idea is avoiding the misunderstanding of the information we can find on the Internet, the app is also focused on elderly people. So it could be said that the ones that experience the problem the most are people over the age of 18, who are responsible for their health.

What prevents them from alleviating the project is that previous knowledge is needed in order to make use of them. The aim of this project is creating an easy application that will connect those tools with the users.

In conclusion, this tool is a perfect way to lower misunderstanding and misinterpretation related to auto-diagnosis, to create an interface that will connect sophisticated AI tools with every user, and to provide an app that people from all ages will be able to use.