



TREE BORN

TEAM-Enviro_Geeks

HACK ZURICH 2020

Climate change is one of the major problems that can have the worst impacts on mankind and at the same time is one of the problems towards which we are the most ignorant, which makes it a top-level threat. Increasing carbon content in the environment is one of the biggest contributing factors to this.

This is where our team EnviroGeeks' Android Mobile Application Tree Born comes into play.

Well, along with the user-friendly UI, our application helps make the users aware of the health of their environment by showing them the tree index which is essentially the number of trees in their city per person in the city. The tree count is calculated using our machine learning model which runs on the satellite view imagery of the location.

Also, the users can get to know about their carbon footprint in the Stats section where all their used modes of transports are displayed, all their monitored actions using the google fit API, and also the total carbon dioxide produced by them.

The info button is where they can educate themselves about the terms.

The "How can I reduce " button tells them the way they can balance out their carbon content to help improve the environment. This is where Zurich Insurance can help the users getting the trees planted by them insured so that their contribution doesn't go in vain.

This is our small attempt towards the betterment of the environment.

With all of this said, This is EnviroGeeks signing out.