

Hairpedia

Abstract

This paper is intended to present you with the purpose and steps of realization of an intelligent platform that will identify the type of the alopecia from early stage of development and track its evolution.

The platform will be implemented as a web platform to be made available and easy to access for all users. The users will upload periodically photos of their current condition of the scalp and the platform will use an A.I. algorithm based on image pattern recognition to classify the condition of the thinning hair, and to estimate the severity of the condition by comparing the user's scalp with stored patterns, recognized by medical association.

The program will be trained on a database containing recognized photos of people suffering of different type of alopecia, and normal people scalp.