

Undiagnosed: Artificial Intelligence Based Platform to Detect Undiagnosed Diseases

Abstract:

One of the global problem in health sector is the lack of diagnosis of diseases. Problem is more prevalent in developing and least developed but developed countries are also not free from this problem. The major causes of this problem are supposed to be lack of expertise or sometimes sudden rare symptom observed in certain part of the world. Lack of availability of electronic health records in all parts of the world has also made it difficult to take certain initiative. So our idea is to tackle this problem with a novel platform which uses collective intelligence approach. Collective intelligence is current trending and validated approach to solve various problems with the interaction of group of people and computers. The platform connects patient to patient or patient to doctor and helps to solve the problem with the help of their interaction. The platform will help to generate electronic health records and to detect undiagnosed diseases through the patients' interactions globally. The platform will also help health personnel to broaden their knowledge on undiagnosed diseases with rare symptoms.