

SWASTHYA

Because health matters...

Team : **float**

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THEME

HEALTH AND FITNESS

A complete app to cover all three aspects of good health and a fit body

- Food
- Exercise
- Environment

FEE

Key features

1. **Heart rate monitoring** system.
2. **Chatbot** for health related suggestions.
3. A virtual doctor chatbot to give solutions (first aid) of common problems
4. **Computer Vision** to calculate body fat percentage
5. A map to show the air quality near you and your surrounding area
6. Posture Detection

Body Fat Calculator

It uses computer vision and mathematics to calculate body fat

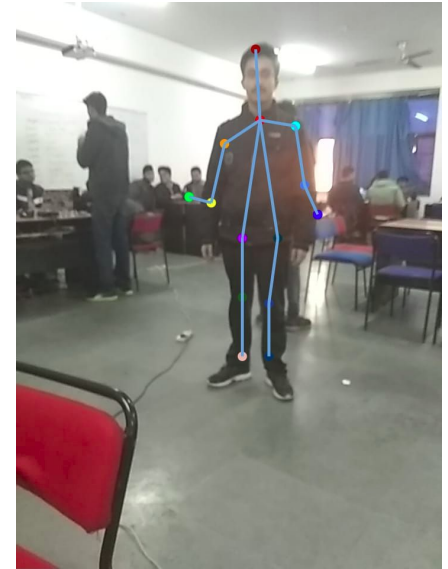


Posture Detection



145ms

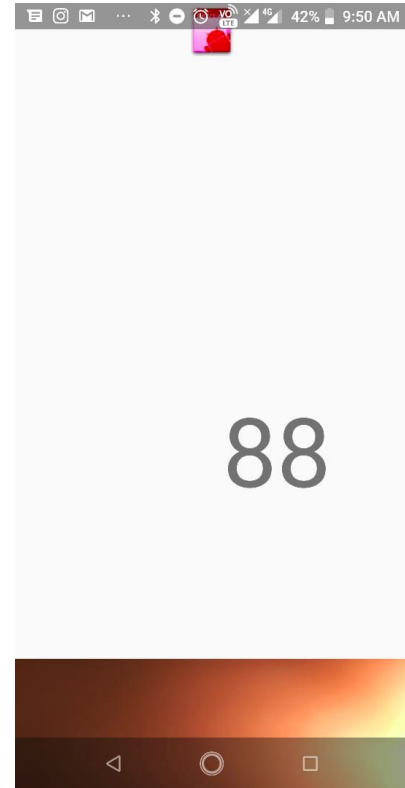
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l_elbow l_wrist r_hip r_knee r_ankle
l_hip l_knee l_ankle background



139ms

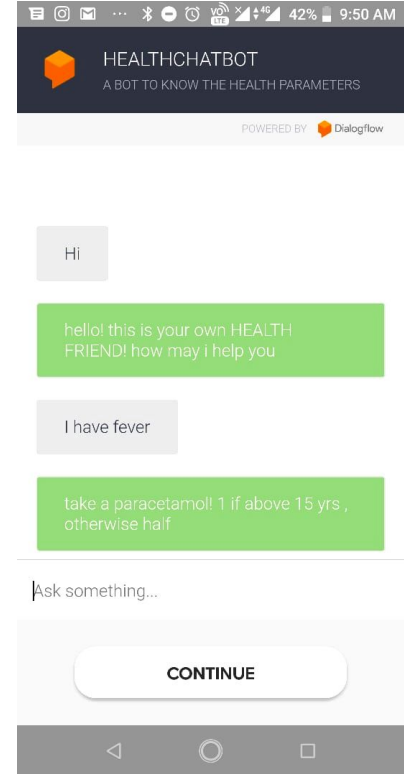
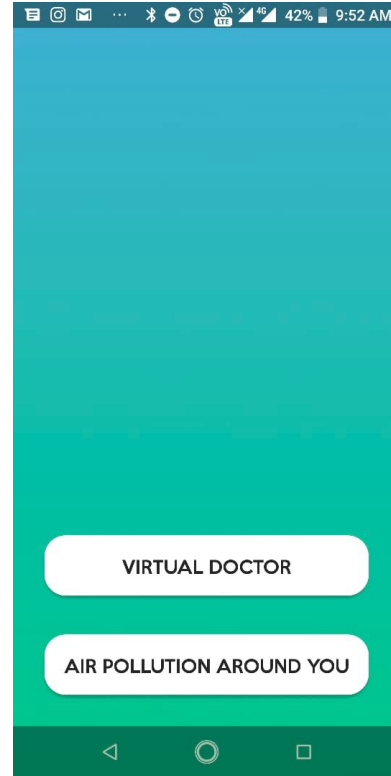
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l_elbow l_wrist r_hip r_knee r_ankle
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Heart Rate Monitoring System



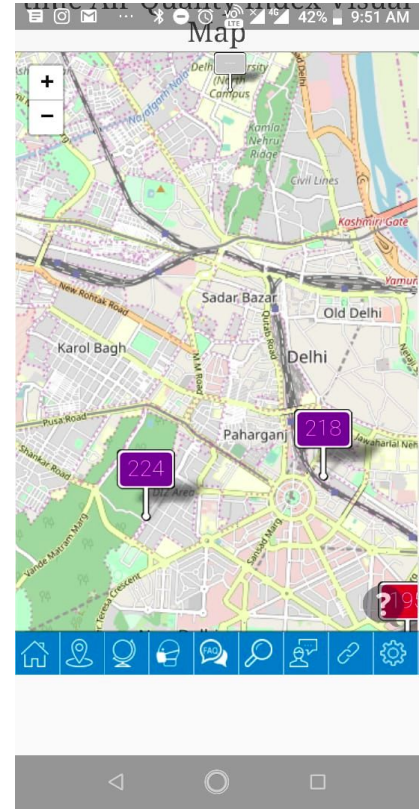
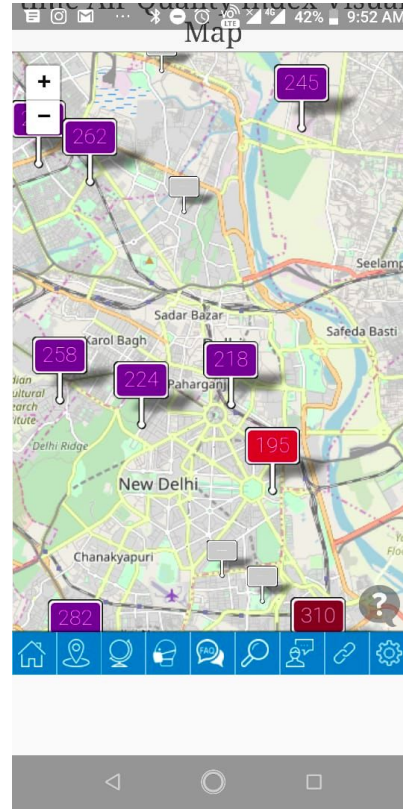
Virtual Doctor

It give solutions (home remedies) of common problems



Air Quality Map

A map to show the air quality near you and your surrounding area.



HealthBot

Our own chatbot that
suggests corrections in diet
as per the health conditions

