MEDICO-GUIDE DOCUMENTATION

MediCoders - Team name

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Idea brief

Medico Guide is a multidimensional hybrid healthcare assistant which helps college students in maintaining a healthy lifestyle in this new world of online classes. Through our app we give a way to improve physical, mental and Menstrual health in the case of our female users.
The idea is to monitor, track and suggest assistance through our features like monitoring daily performance, screen time monitoring, voice assistance, suggestions of yoga and meditation, a relaxing playing and forum for mental health, suggestions and doctor appointments and also monitoring and suggestions with regards to the menstrual cycle of female users.

Tech Stack
Java, Android Studio, PHP-MySQL, InVision

What positive and unique solutions your idea have?

Our app provides solutions and suggestions on physical, mental and women's health along with the monitoring process; all at one place.

1. The app/personal assistant has a voice assistance feature that helps users to understand the app better, and it's also beneficial for the user care process.

2. This app/personal assistant gives access to the podcasts and forums to the users through which they can listen to motivational audio of interviews, with people who have dealt with some stressful phases or they can listen to the relaxation sounds provided in our playlist for any kind of frame of mind.

3. People can connect to multiple other users through our forum where they can share their problems with each other.

4. This app/personal assistant has the best recommendation system that suggests users on various things, example - relaxation sounds, yoga techniques, suggestions for menstrual health (ex. Food habits), motivational audios, monitoring our routine and suggesting habits based on that.

5. The app/personal assistant also gives suggestions about the doctors and their entire information along with their contact details through which the user can take help from and connect to them.

Is this your first hackathon? If No, then please share your past experience and achievement with us.

We had participated in an Inter college Hackathon before under IEEE Pune Section, titled Trident 4.0.
Ayushi, Chhavi and Meghna worked together as one team under SMART CITY TRACK and worked on the problem statement Traffic Congestion. They developed an algorithm to solve this problem, a demo website and presentation was also created. They won the 3rd position for this.
Pragya worked with another team in the same hackathon under HEALTHCARE TRACK and worked on the idea of a fitness band with activity tracker that also helps in medical emergencies. They won a special prize for this.

Overall, it was a positive experience and provided a good headstart to our journey in hackathon participation.

Features description (overview) -

1. MONITORS DAILY PERFORMANCE - (physical movements; walks, etc.)
2. DO SCREEN TIME MONITORING
    a. GIVES SUGGESTIONS TO TAKE BREAK
3. SIMPLE YOGA SUGGESTIONS/Meditation - (anytime & time specific)
    a. MEDITATE PERIODICALLY (3 + 4)
4. VOICE ASSISTANT (chatbot ; user care)
5. SUGGESTION FOR DOCTOR APPOINTMENT (counsellor + doctor) [online + offline appointment] - take details
6. PLAYLISTS (sounds for all possible moods)
    a. RELAXATION SOUNDS
    b. PODCAST (audio interviews)
7. FORUM (with spam filters)

8. MONITORS MENSTRUAL CYCLE(data of past few months)
   - CRAMP REMEDIES
     -> LIGHT PHYSICAL EXERCISES SUGGESTIONS DURING THE CYCLE
     ->HOT COMPRESSED
     → FOOD SUGGESTIONS
       - Suggestions related to the cycle
       - Do's and don'ts