M-Health and Physiotherapy

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Authors:

Virendra Bagade
Akshay Ransing
Sameer Aher
Shailesh Aher
Manjunath Birajdar
Shubham Bondarde

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Abstract

Rehabilitation exercises are those exercises that help in improving joint and muscle function, helping people stand, balance, walked. But these exercises work if done regularly and done as proposed by the therapist. Sometimes the patients has problems like scheduling their daily tasks, their commitment for doing those exercises, and some other difficultiessimilar to this. Thus failing to do the movementsand get benefit from the exercises. This paper proposes a system that provides an intuitive way for rehabilitation. This system contains use of pervasive health technologies for addressing theover difficulty. The system would provide a graphical interfacethat would help the physiotherapist to create exercises in 3Denvironment, wherein he would be animating a humanoid to show how the exercise is to be done. This would show to be more intuitive to patients rather than on paper. The system would also let therapist to monitor patient while he/she is exercising.

References

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Index Terms

- Computer Science
- Bio-medical

Keywords

- Mobile Application
- Rehabilitation Exercises
- Intuitive Exercise Program
- smart Health.