

# Desining sport complex whit smart architecture approach (smart structure)

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**Desining sport complex whit smart architecture approach (smart structure) Healthy living in the life of today's mankind is one of the important pillars of living a good life,especially for nowadays human being living in a dense,inactive enviroment. Encouraging people to exercise,discover and train talents for sport require the creation of suitable sport facilities which is neglected in most stadiums of our country,such as Jooybar the capital of iranian wrestling. On the other hand,today's architecture also needs more changes and dynamics than before,and it seems new buildings should be more diverse,flexible and compatible with any possible future changes which require arrangements in design and especially in the structure. In present project we tried to achieve to spatial flexibility and meeting the physical and comfort needs of users of these types of fasilities and also optimize them,with intelligent structure design and taking advantages of its mobility capabilities,in this research the information gathering has been done by the library study method;and the qualitative method,based on analytical descriptive used for extract some design principles,by describing and interpreting the concepts f public spaces of sport,the studies on the behavior of intelligent structures and their functional flexibilities is conducted and eventually turned into a functional and applicable scheme. Key word: Smart,structure, Optimal, responsive Author: bahare eghbalian**

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