

Chapter 2- Literature Survey

☐ **Literature Review:**

Research Paper 1:

☐ **Author Name:**

1. Kuruhuri Likith Sai.
2. Kunduru Gopi Reddy
3. Thaniparthi VijayKumar Reddy

☐ **Publications:**

International Research Journal of Engineering and Technology (IRJET)

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☐ **Title of Research Paper:**

Online Management System for Gymnasium

☐ **Summary of Paper:**

Nowadays every person willing to do gym in online so this website helps them the most. In this pandemic situation some people unable to go outside because of lockdown so using this platform users can get benefits and it was secure and safe compared to outside situations. The shopping portal also useful for those who need to buy an equipment and those items are available at cheap rates so everyone can afford them easily. No paperwork need and do not remember all the payments and person, this all can do by the system using a database and the gymnasium management is performed very well to satisfy all the required things we want in gym.

In the gym outside mainly require proper equipment, maintenance and variability in structure and no need lots of crowding these all user need but when it comes to online user will only prefer particularly and maintain the durability and here prime concern for users is security so online gym will not reveal his data and requirements provide very well to users. The payment can be modified according to different rules and guidelines by admin as required and admin may also inform users about the changes in rules by putting up notifications in the system. Hence the system saves time, effort, and cost.

Research Paper 2:

☐ **Author Name:**

1. Manjiri R. Girnale

G.H.R.C.E.M,Pune

2. Sonali S. Jathar

G.H.R.C.E.M,Pune)

3. Komal D. Untwal

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☐ **Publications:**

International Journal of Engineering Technology Science and Research IJETSR

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☐ **Title of Research Paper:**

Virtual Gym Management System

☐ **Summary of Paper:**

In this paper, authors have recommended website “Virtual Gym Management System”. This system will be successfully designed and developed to fulfill the necessary requirements of user, such as recommending proper diet and exercise to user by well-known consultancy & trainer respectively, video or text chat, schedule, online payment and field level validation will perform efficiently .Even this system includes intelligence i.e. after certain data get store, system will recommend diet and exercise to user rather than any trainer and consultancy which will be benefited for admin as well as for user. Therefore this project will be developed to meet the aspirations indicated in the modern age.