

# Smart Veterinary Services

Final Year Project (2019-2021)  
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## INTRODUCTION

Agriculture is the backbone of the economy of Pakistan. 42.3% of men power is associated with it and pays 80.9% to GDP. In Dairy farms healthy animals produce healthy products in high quantity. Animal ambulances are very rare in our country and the cost of shifting animals to veterinary Hospital is high. Newly qualified veterinaries are energetic and motivated to serve the people on their premises.



## BACKGROUND

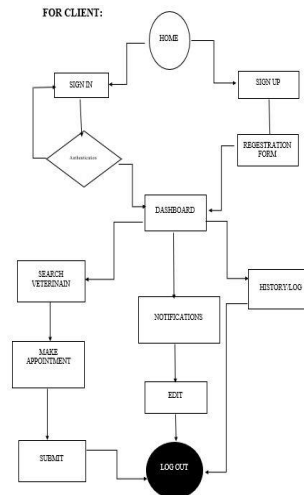
Animal hospitals are situated in urban areas. Transportation cost of animals to a veterinary hospital is much higher than the expense of a veterinary doctor's visit. In public sectors, newly qualified veterinaries are energetic and motivated to serve. A platform should be provided to veterinary professionals for offering their specialized services to clients and make their reputations.

## MOTIVATION

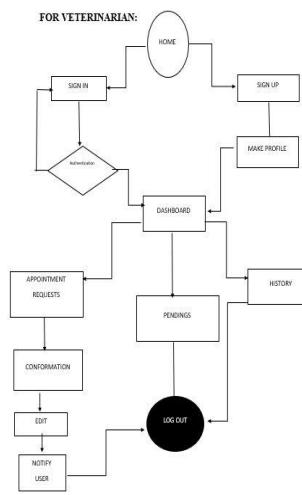
Most rural families are living below the poverty line are fulfilling their life needs directly and indirectly from livestock. The death of any animal badly affects their income. The app will utilize the skills of qualified veterinary professionals in a smart way which will save the investment of large to small stock-holders and it will timely deliver medical services to the clients of animals and will cut the expense and time of transportation of ill animals.

## ARCHITECTURE

### For client



### For veterinarian



## OBJECTIVES

A platform to professional veterinary and Clients will remove the communication gap. Easy access of the professionals to the clients will save their investment and will Increase the income of professionals. Improve the health and production of animals.

## REFERENCES

[https://en.wikipedia.org/wiki/Android\\_software\\_development](https://en.wikipedia.org/wiki/Android_software_development)  
<https://console.firebase.google.com/project/smartveterinary-98e5b/database/smartveterinary-98e5b-default-rtdb/data>  
<https://www.flaticon.com/>  
<https://en.wikipedia.org/wiki/Veterinarian>  
<https://stackoverflow.com/questions/12442703/getting-started-with-android-development/12442977>

## CONCLUSION

This app is an effort on our part to provide App will utilize the skills of qualified veterinary professionals in a smart way which will save the investment of large to small stock-holders and it will timely deliver medical services to the clients of animals and will cut the expense and time of transportation of ill animals. This will increase productivity of veterinary professional and easy access to their services for people. People will get timely guidelines and support from professionals who will not only save the lives but also improve health and production of their animals.

## FUTURE WORK

As we built this project in android, android studio helps us to expand applications on updated platforms. Soon, we focus on audio/video calling so if a doctor will late, he will check the animals online through video call and give instruction to farmer immediately. Soon, we focus on notification message on mobile number when client will be offline. In veterinary profile list of vaccinations will be available for clients.

## RESULTS

