

# Educational & Health Support System in Rural Areas

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Unearth  
and  
Serve

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# Introduction



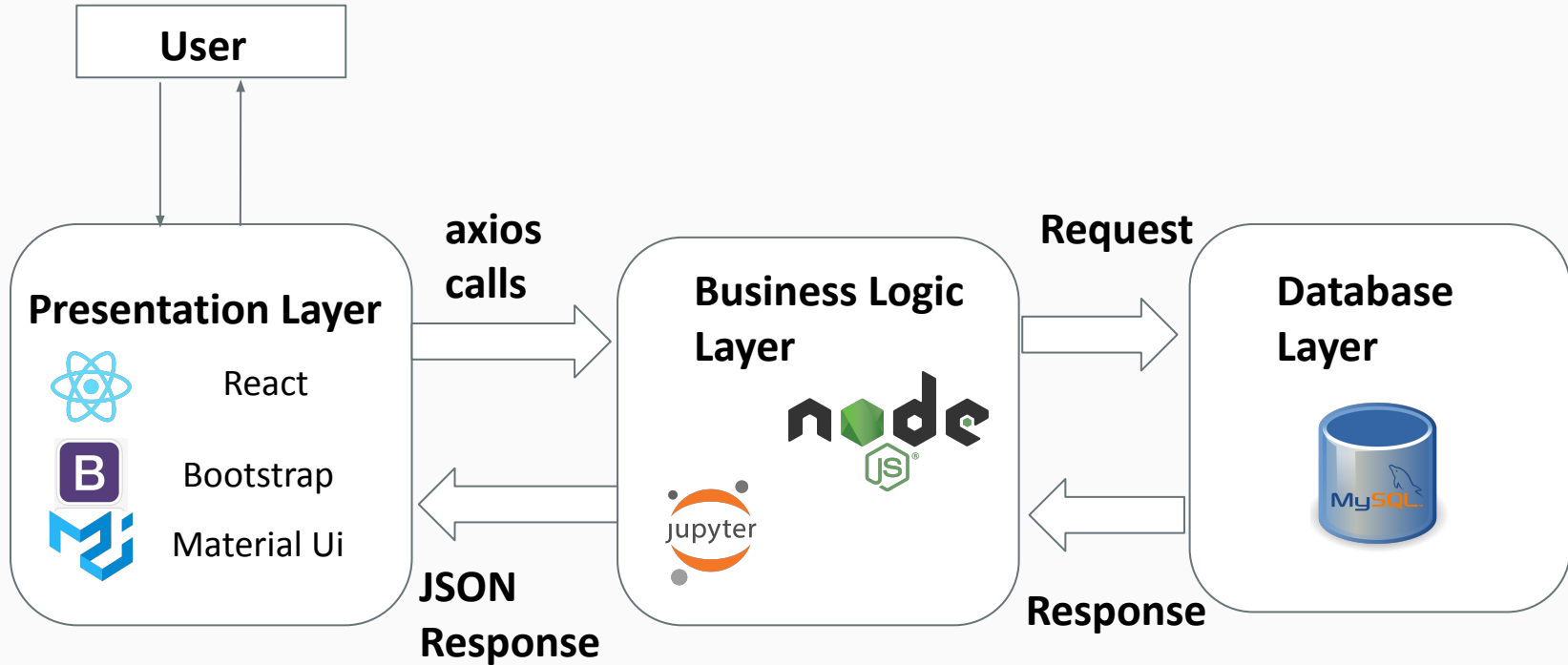
**Motto: Unearth and Serve**

- Locate people and provide financial support for health and education

# Outline of the Project

- Identify the rural areas
- Collect the details of needy persons
- Develop a web application
- Invite sponsors to support

# Technology Stack and Architecture



# Machine Learning Process



# ML Process - Dataset Description

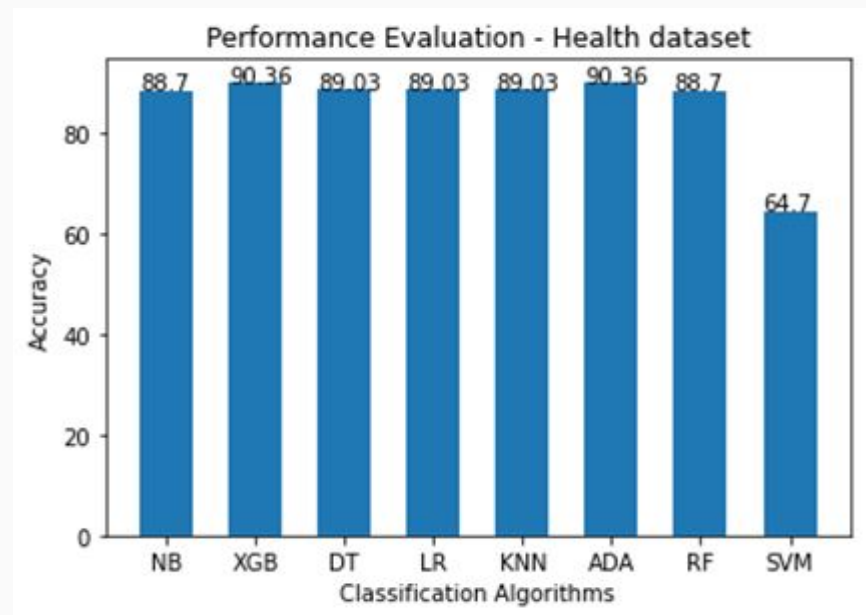
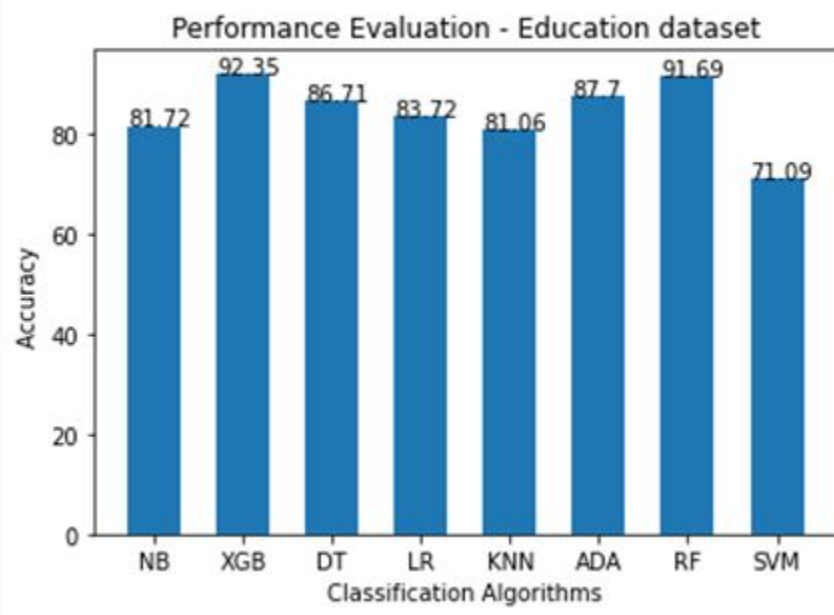
## Education dataset:

- 1.Aadhar ID (Numeric)
- 2.Ration card Category(Nominal; BPL{0}& APL{1})
- 3.Monthly Income of Family(Numeric)
- 4.Gender(Nominal; Female{0}& Male{1})
- 5.Age(Numeric)
- 6.Number of Employed persons in Family(Numeric)
- 7.Currently Studying(Nominal;Yes{1},No{0})
- 8.Education Level(Nominal ;LP{0},HS{1},S{2},G{3})
9. Interested to Continue(Nominal;Yes-1,No-1)
10. Qualified(Nominal;Yes-1,No-0)
- 11.Target (Nominal;Eligible-1,Not Eligible-0)

## Health Dataset:

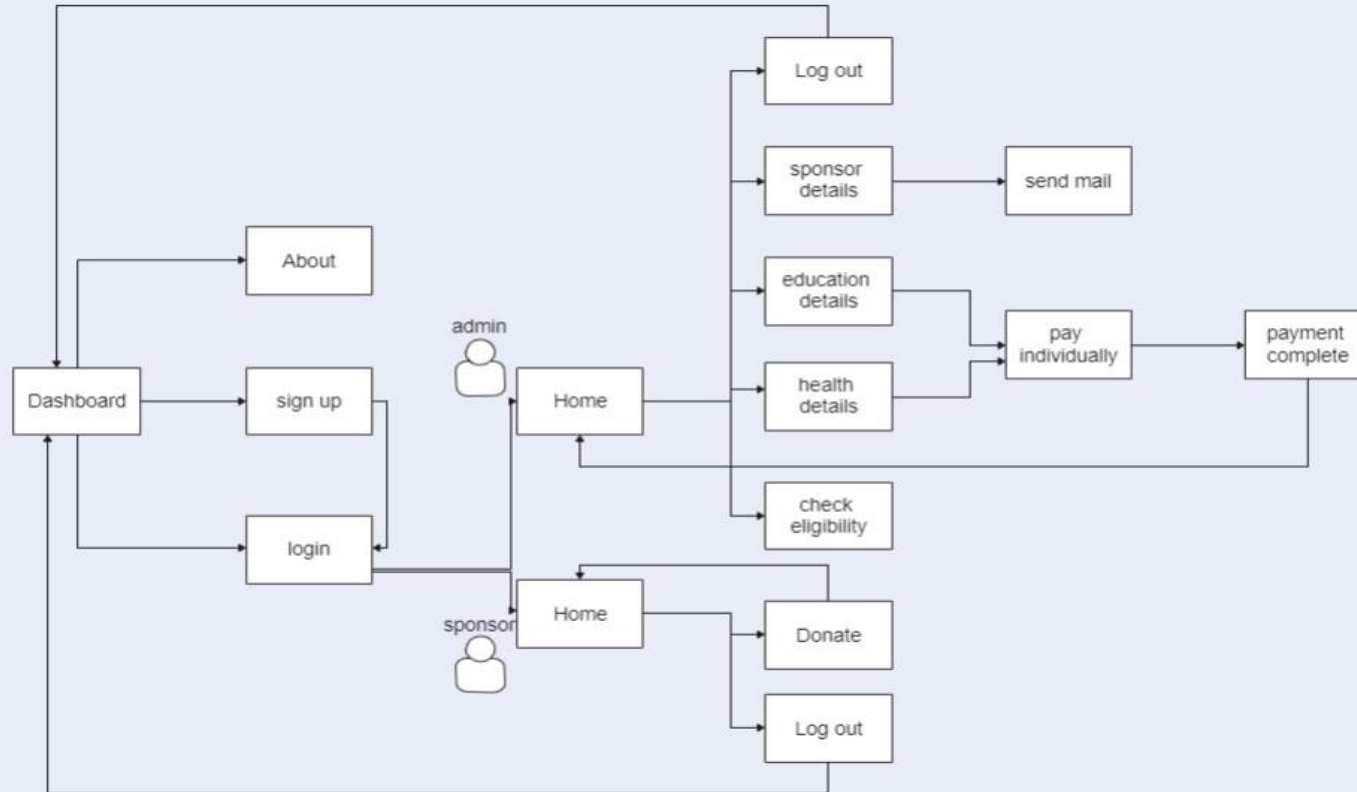
- 1.Aadhar ID (Numeric)
- 2.Ration card Category(Nominal; BPL-0 & APL-1)
- 3.Monthly Income of Family(Numeric)
- 4.Gender(Nominal; Female-0 & Male-1)
- 5.Chronic Disease or not (Nominal; Yes-1,No-0)
- 6.Critical or not (Nominal;Yes-1,No-0)
- 7.Surgery needed or not (Nominal;Yes-1,No-0)
- 8.Target (Nominal;Eligible-1,Not Eligible-0)

# ML Performance Evaluation and Deployment





# User Flow Diagram



# Future Scope

- Implement crowd funding
- Sending notifications to sponsors
- Project can be extended to other states as well.
- Direct Payment to the needy.

# Conclusion

- Unearth and Serve is therefore meant to be done for public benefit, especially for those who are from rural areas
- This technology is a relief and to provide assistance to people at the time of their needs.
- Also a good platform for the people who wish to help others.

# Github repository

- <https://github.com/Shivanyapm/HelpingHands>

# THANK YOU!

Any Queries?