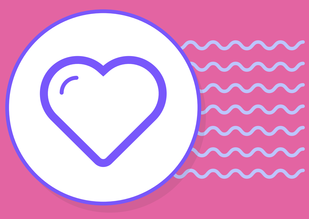
Template



Empathy map canvas

Using this empathy map canvas, a early predicton of chronic kidney disease using machine learning can be designed to address the needs and concerns of the user

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Originally created by Dave Gray at

XPLANE®

Share template feedback

Develop shared understanding and empathy

By using the empathy map ,we are learn to develop ideas .

1

Project Description

1. Kidney disease prediction is done using machine learning technique.

2. Chronic kidney disease is a major medical problem and can be cured if treated in the early stages.

3.The machine learning model prediction alone business to make highly accurate guesses as to the likely outcomes based on the given dataset.

4. The main objective of this project is to predict patients with machine learning algorithms usingless numbers attributes while maintaining the higher accuracy.

2

Project Ideas

Quickly process large amout of university data

10 minutes

Save cost associated with manual process

we can predict CKD using machine learning algorithms

Google Colab is used to execute machine learning algorithms

PERSON 1

80 GB hard disk is required

we use kidney disease dataset is used

16 GB RAM is required

python is best fits to run machine learning algorithms

PERSON3

Logistic Regression is used for classification problem in this project

Colab is used to create and share notebooks

64-bit,four-core ,2.5GHz minimum per core processor is required

python language is used

PERSON 2

Colab used to write and execute code in python

Random forest model is used for classification report

Operating system is required

ANN model algorithm is used

PERSON4

Indoor network connection is required

Kaggle is used to import external datasets

3

Group ideas

1. 64-bit processor,16 GB RAM is required
2.Machine learning algorithm such as ANN model, Logistic Regression, Random forest model is used.
3.Kidney disease dataset is used and it is import from kaggle.

⏱ 20 minutes

4.Python language is used for execute Machine learning algorithms.
5.Google Colab is used to for executing Machine learning algorithms.

4

Prioritize

we prioritize the ideas based on the project requirements

20 minutes