



CORDIAL CARE

Analysis, Diagnosis and Encryption of Blood
work using Machine Learning and
Blockchain

MEET THE TEAM



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PROBLEM STATEMENT

Analysis, Diagnosis and Encryption of Blood work using
Machine Learning and Blockchain

WHY CORDIAL CARE?

- THE MODERN HEALTH CARE INDUSTRY PROVIDES A FACILITY OF HOME TESTING.
- THE REPORT IS FURTHER SENT ON WHATSAPP, DIAGNOSIS OF THE SENT REPORT CAN BE DONE USING OUR MODEL.



How to use Cordial Care

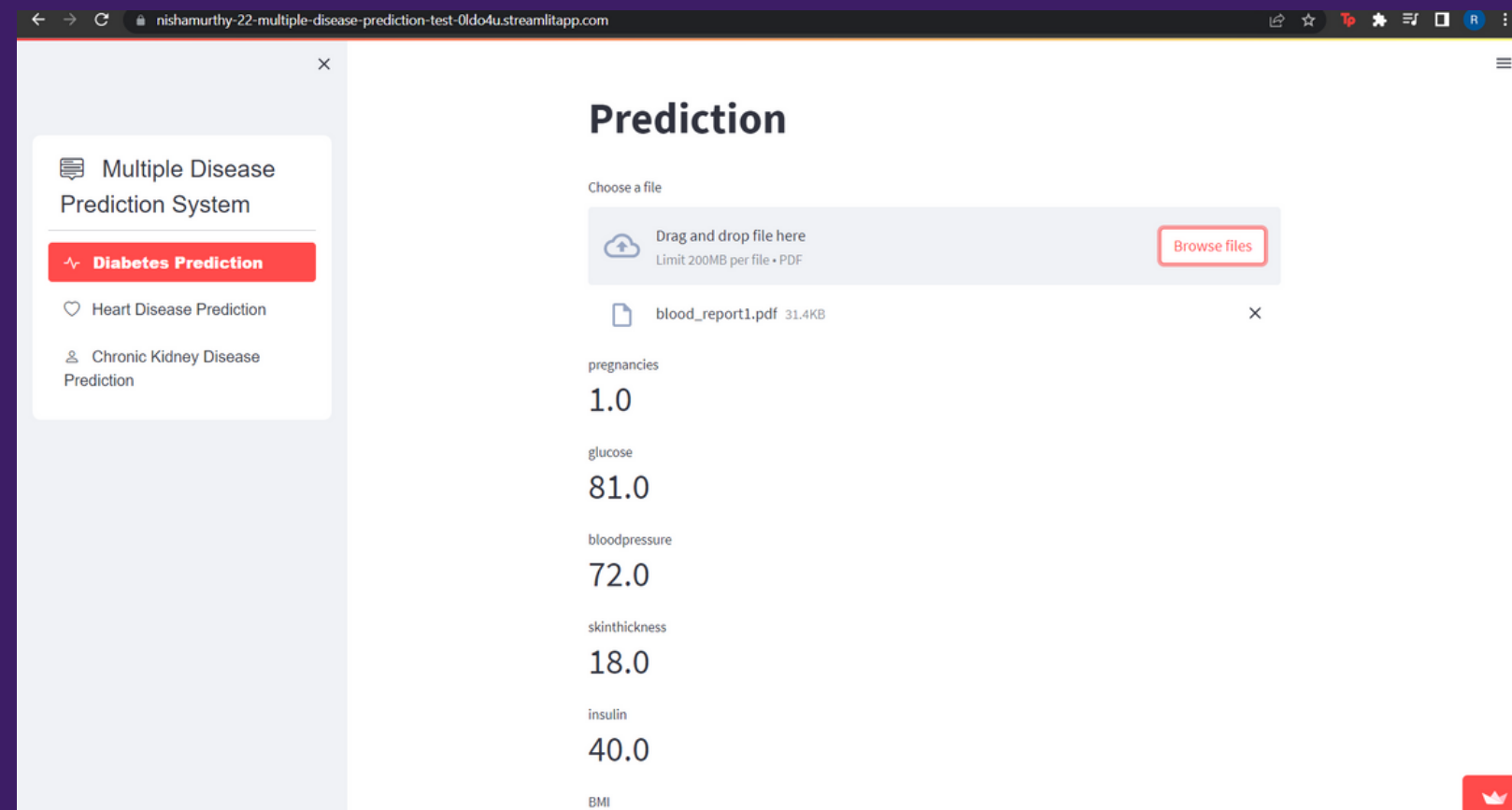
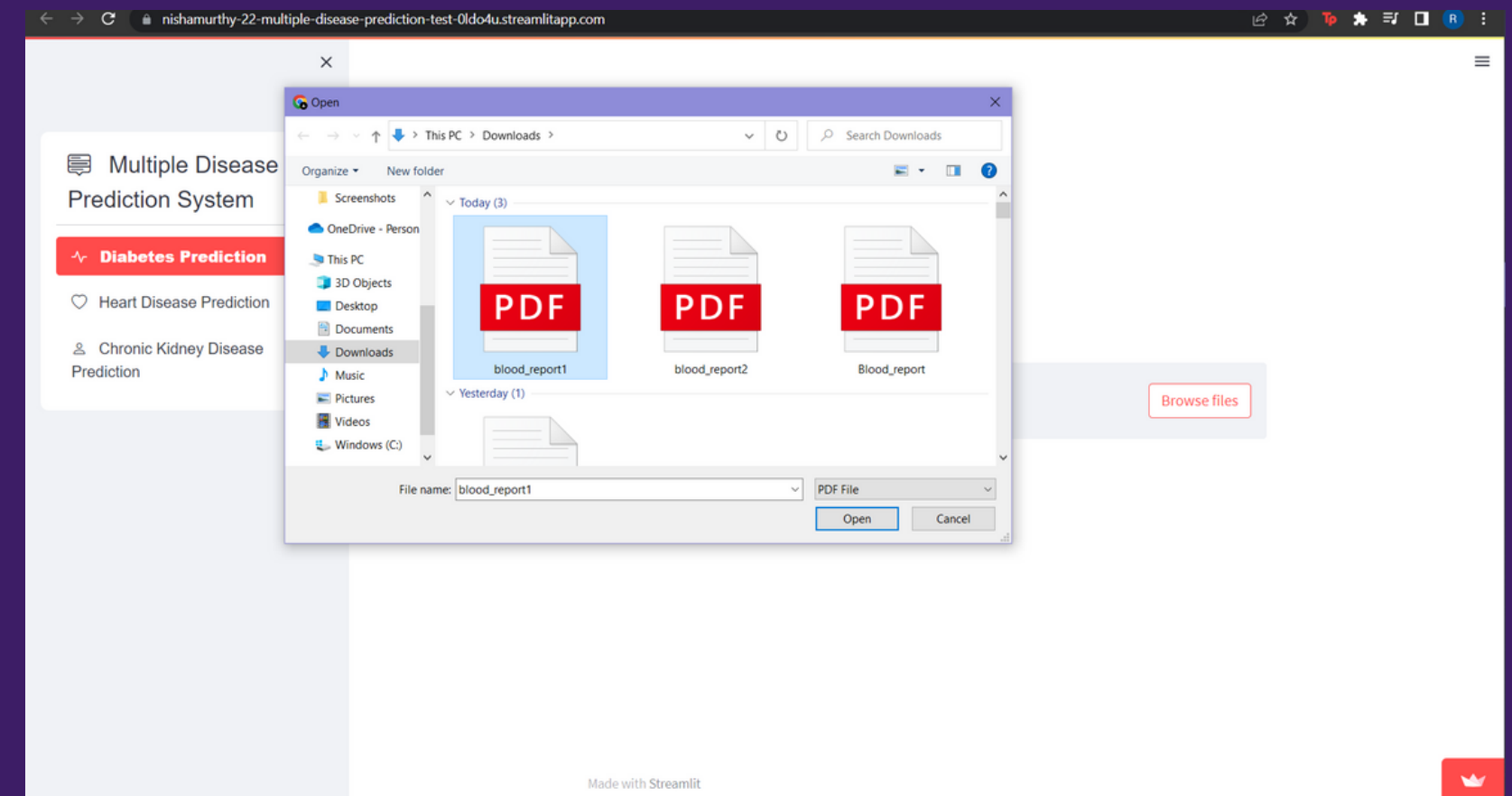


- Go to – "<https://nishamurthy-22-multiple-disease-prediction-test-0ldo4u.streamlitapp.com/>"



The screenshot shows a web browser window with the URL <https://nishamurthy-22-multiple-disease-prediction-test-0ldo4u.streamlitapp.com/>. The application interface is titled "Multiple Disease Prediction System" in the sidebar. The main content area is titled "Diabetes Prediction" and "Prediction". It features a file upload section with the text "Choose a file", "Drag and drop file here", "Limit 200MB per file • PDF", and a "Browse files" button. Below this is a "Diabetes Test Result" placeholder. The footer indicates "Made with Streamlit".

- Choose the disease you want to predict.
- Upload your blood report



Verify the values being displayed.



Click on predict

Tadaa!! Here is your diagnosis !

← → ↻ nishamurthy-22-multiple-disease-prediction-test-0ldo4u.streamlitapp.com

×

Multiple Disease Prediction System

Diabetes Prediction

Heart Disease Prediction

Chronic Kidney Disease Prediction

72.0

skinthickness

18.0

insulin

40.0

BMI

26.6

diabetespredictionfunction

0.179

age

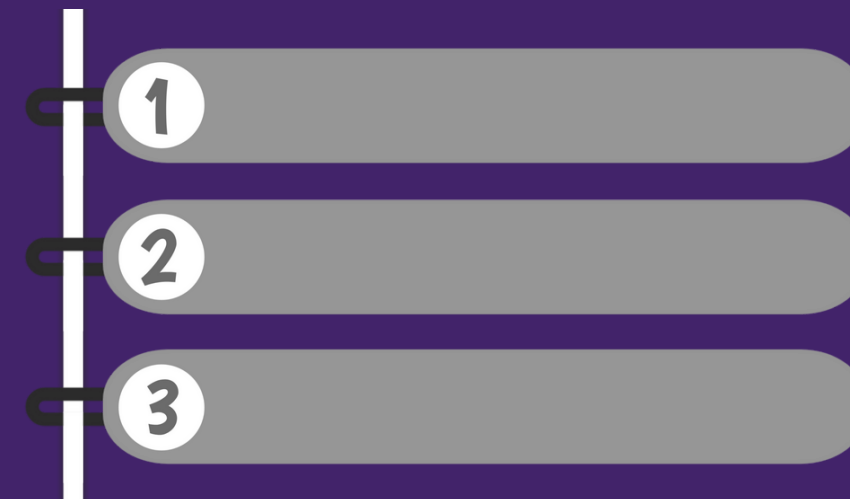
54.0

Diabetes Test Result

Person is non-diabetic



How did we reach there??



Dataset collection

Model training

Deployment

Implemented OCR

Database with encrypted data

Passed through blockchain

Predicted diagnosis





Where can Cordial Care be used?

01

By doing this, patients can avoid paying consultation fees simply for diagnoses.

How feasible is our app?

02

It is accurate , easy to access and use as it is a sharable link.



FUTURE SCOPE

- MAIL DOCTORS BASED UPON SEVERITY
- SCHEDULE A GOOGLE MEET AND MARK IT ON
GOOGLE CALENDAR

REFERENCES:

- KAGGLE FOR DATASETS
- STREAMLIT DOCUMENTATION FOR DEPLOYMENT
- YOUTUBE FOR BLOCKCHAIN
- ETHEREUM DOCS FOR REMIX IDE



THANK YOU

