Planning:

Step 1: Image Dataset Exploration.

Step II: Importing Pretrained Model.

Step III: Splitting dataset into testing& training dataset to find accuracy of the model.

Step IV: Actual image input for analysis.

Step V: Testing & debugging

ALGORITHM:

Step 1: A publicly available chest x-ray images dataset is taken for the development of the system.

Step 2: Steps like exploration and feature extraction are performed to make the dataset suitable for the use.

Step 3: Once the dataset is ready, we will split it into train and test dataset.

Step 4: Pretrained ML model will be used for training and testing and accuracy will be determined.

Step 5: Once everything is done then the user can provide actual test data for COVID19 Prediction.

Step 6: User Interface is provided using Streamlit PythonModule.