Title : Project Registration & Progress Review **FF No. 180**

Department: Artificial intelligence and Data science	**Academic Year: 2022-23**
Semester : 2	**Group No. : 3**
Project Title: Classification of X-rays for disease infected human lungs using Deep learning	
Project Area: Artificial Intelligence, Machine Learning.	

Group Members Details:

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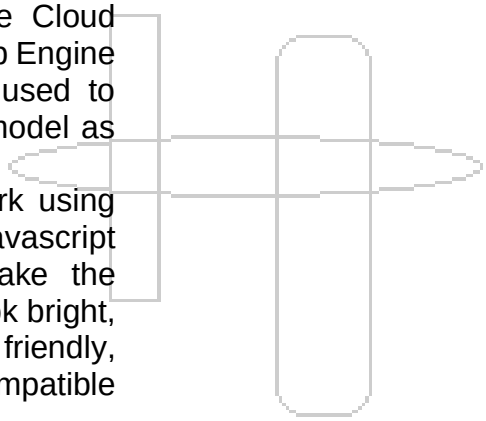
Project approved / Not approved:

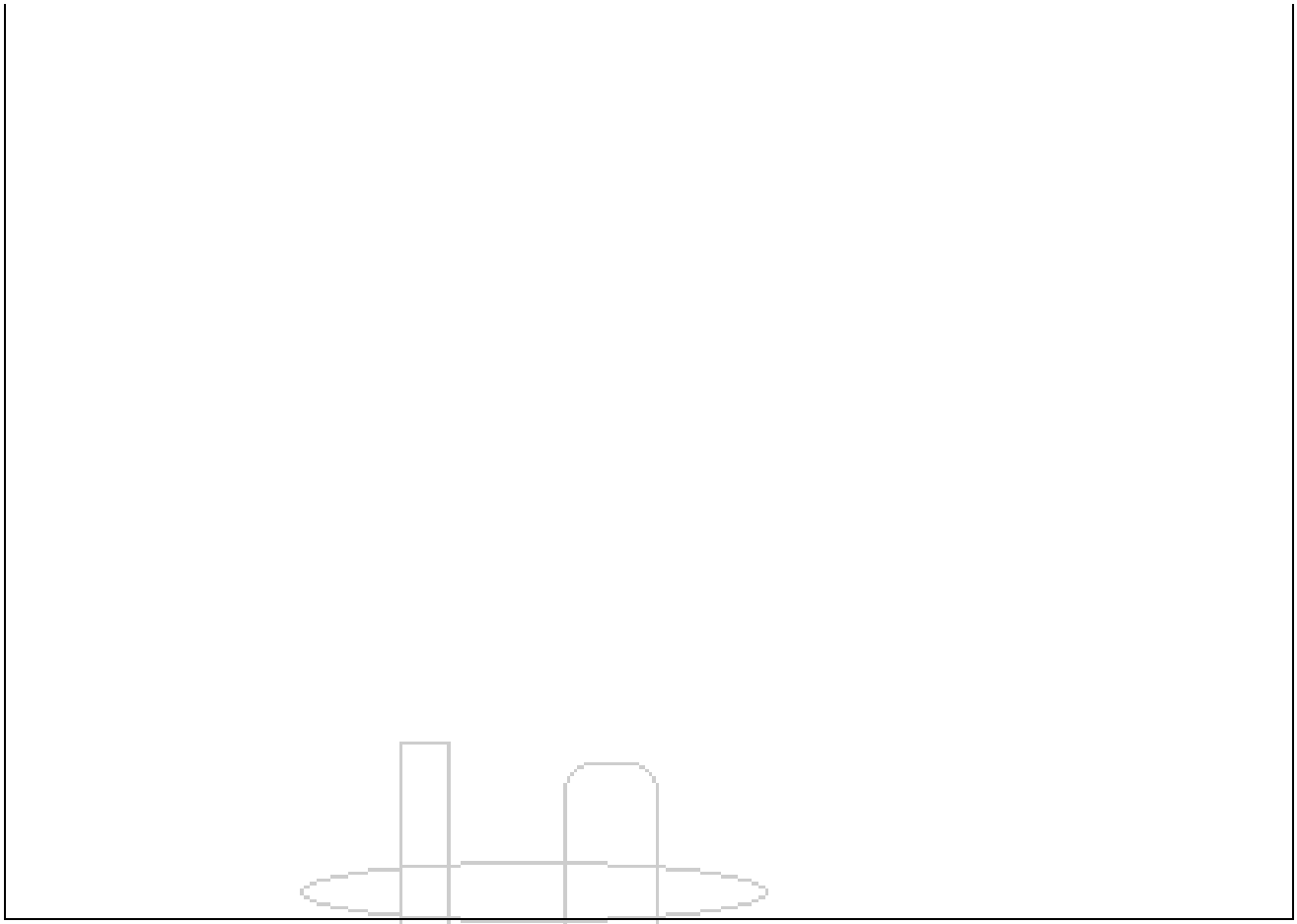
Guide: Prof.S.P.Dongre **Project Coordinator :**Amruta Mankawade **Head of Departmen**t:

Project Synopsis : We plan to include projects both back-end and front-end/deployement in this project where X-rays of human lungs are classified using Convolutional Neural Networks with automated image pre-processing and internal procedures.

For deploying we plan to use either Flask or Django but preferably Flask because of it's simplicity and compatibility with Amazon Web Services (AWS) and Google Cloud Storage (GCS). App Engine in GCS could be used to deploy the Keras model as web application.

With additional work using HTML, CSS and Javascript the plan is to make the model front-end look bright, simple and user friendly, which is even compatible with mobile phones.



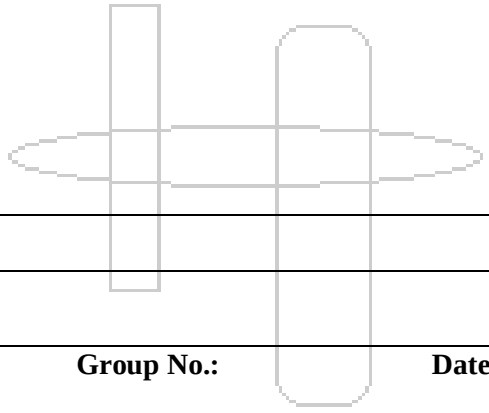


FF No 180

Group No.	3		
Activity	Review Schedule	Progress Review Report submitted	Signature of Guide
Review 1	Mid Sem. Semester	Yes / No	
Review 2	End of Semester	Yes / No	

Format of Progress Review Report:

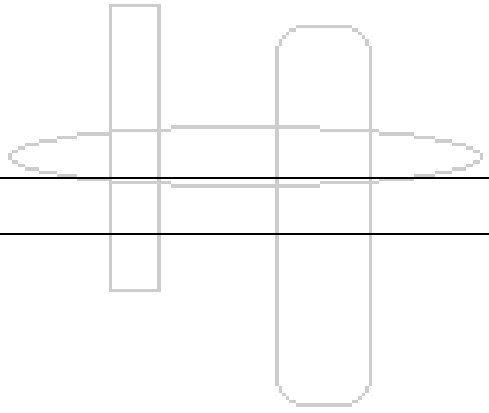
Review No.: 1	**Group No.:**	**Date:**
Progress Review Report		



Signature of Guide:

Review No.: 2 **Group No.:** **Date:**

Progress Review Report



Signature of Guide: