# Machine Learning Project Agreement

Project: Image Classification for Pneumonia Detection

Goal: Build a Machine Learning model that can classify chest X-ray images as 'Pneumonia' or 'Normal' to help in early diagnosis.

## Timeline (6 days total)

* Day 1: Collect and prepare chest X-ray dataset
* Day 2: Preprocess and clean the data
* Day 3: Build and train the CNN model
* Day 4: Evaluate accuracy and make improvements
* Day 5: Deploy the model to a simple web interface for testing
* Day 6: Final testing, feedback, and delivery

## Plan

1. Gather and clean chest X-ray images
2. Split into training, validation, and test sets
3. Build a CNN model optimized for pneumonia detection
4. Train and evaluate until accuracy meets the target
5. Deploy as a small, easy-to-use web tool

## Payment Method

• 30% upfront when the project starts (non-refundable)  
• 30% after the model reaches the required accuracy  
• 40% after the final working tool is delivered

## Price

$400 USD total

## Penalty Terms

If the project is delayed more than 1 day without a good reason, payment is reduced by 5% for each extra day. If accuracy is below the agreed level, improvements will be made at no extra cost. The upfront payment is non-refundable under any circumstances.

## Signatures

Client Name & Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

Developer Name & Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_