Weekly Progress Report

Group Members:

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Work Completed:

This week, we made progress in fine-tuning the model's hyperparameters, which involved tweaking the learning rate and batch size to boost performance. Initial tests using the validation dataset helped us understand the model's behavior better. We diligently recorded the training results to spot trends and potential issues, which highlighted areas for improvement in data preprocessing and optimization strategies.

Challenges Encountered:

We encountered a challenge with the training times, which turned out to be longer than we expected. This slowed down our experimentation and iteration process.

Solutions Implemented:

To tackle this, we divided the dataset into smaller, more manageable subsets. This enabled us to have faster training cycles and receive quicker feedback on model adjustments, which, in turn, facilitated early identification of errors and trends.

Tasks for Next Week:

Moving forward, our focus will be on further optimizing the model to enhance its generalization capabilities. We will explore advanced data augmentation and preprocessing techniques to improve the quality of our dataset. We will also continue training the model while closely monitoring its performance on the validation set to guide any further adjustments.

Instructor's Feedback:

Instructor's Signature: _____
Date: November 15, 2024