**Phase 1: Problem Definition and Design Thinking**

In this phase, I'll ensure to provide more details on the metrics for model evaluation, such as MAE, RMSE, Sharpe Ratio, or Maximum Drawdown. These metrics will be essential for assessing model performance accurately and aligning them with the project goals.

**Phase 2: Innovation**

I'll elaborate on why advanced techniques like CNN-LSTM or attention mechanisms are relevant and how they differ from initial models. The rationale behind these choices will be explained to justify their incorporation into the project.

**Phase 3: Development Part 1**

In this phase, I'll specify the tools and libraries for data manipulation and visualization, and I'll address how to handle missing data, outliers, and data scaling. This will ensure a clear understanding of the data preprocessing steps.

**Phase 4: Development Part 2**

I'll break down this phase into sub-steps and provide code snippets or explanations for each step. Feature engineering, model training, and evaluation will be detailed, including hyperparameter tuning and cross-validation. The selection of evaluation metrics will be explained in depth.

**Phase 5: Project Documentation & Submission**

I'll include comprehensive documentation in the project submission:

* Problem Statement: I'll restate the problem concisely, emphasizing its significance and context.
* Data: I'll describe the dataset, its source, and any data transformations or cleaning performed, ensuring transparency in data handling.
* Model: I'll explain the chosen model(s), hyperparameters, and the entire training process, making it easy for others to replicate.
* Evaluation: I'll present detailed performance metrics and provide insights drawn from the model's performance.
* Recommendations: I'll offer practical recommendations based on project findings, potentially including investment strategies or areas for further research.

Additionally, I'll create a well-structured README that includes:

* Instructions for running the code, along with dependencies.
* An overview of the project's objectives and scope.
* A link to the dataset source for transparency.
* Acknowledgment of any external libraries or code snippets used.
* A section on limitations and future work, demonstrating awareness of project constraints and potential improvements.

By following these guidelines and incorporating your suggestions, I aim to create a comprehensive and informative project that can be a valuable resource for anyone interested in stock price prediction. Thank you again for your valuable input and good wishes for the project!