Project Design Phase-I
Proposed Solution

Date	19 November 2023
Team ID	593111
Project Name	Share price estimation of top 5 GPU companies
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To estimate the share prices projections for the top 5 GPU companies
2.	Idea / Solution description	To use train a CNN model using suitable historical stock price data of the relevant companies, in order to provide reliable predictions for future price fluctuations when fed current prices

3.	Novelty / Uniqueness	The novelty of our solution lies in its ability to demystify the stock market for newer investors. Unlike traditional stock market analysis tools, our model offers a simplified and intuitive userfriendly interface. This interface empowers
		investors by providing them with clear projections of share prices. By distilling complex financial information into easily understood insights, our solution opens up the world of stock market predictions to a broader audience.
4.	Social Impact / Customer Satisfaction	Our model aims to foster greater financial literacy and inclusivity in the investment landscape. By providing accurate projections of share prices for the top 5 GPU companies, our solution empowers investors with valuable insights, allowing them to make more informed decisions. This, in turn, contributes to increased customer satisfaction as users can navigate the stock market with confidence.
5.	Business Model (Revenue Model)	Our business model would be based on offering premium features or advanced analytics through a subscription-based service. Investors who seek more in-depth analyses, personalized insights, or real-time updates could opt for a subscription plan, thus supporting the continuous improvement and maintenance of the platform.

6.	Scalability of the Solution	The scalability of our solution is inherent in its adaptability to evolving market conditions. We can regularly update the model with the latest stock market data. This ongoing commitment to data refreshment ensures that our predictions
		remain relevant and accurate, reflecting the dynamic nature of financial markets. Additionally, the architecture of our model allows for seamless integration of new features or improved algorithms, ensuring scalability in terms of both data volume and model complexity.