Project Design Phase-I
Proposed Solution

Date	23 October 2023
Project Name	Project - Anticipating Business Bankruptcy

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	**Problem Statement (Problem to be solved)**	Anticipating Polish company bankruptcy to optimize financial strategies and ensure sustainable business operations
2.	**Idea / Solution description**	Our innovative project combines advanced machine learning techniques and convolutional neural networks to create a robust bankruptcy prediction system specifically tailored for Polish companies. This solution analyzes a diverse range of financial indicators and provides early warning signals, enabling businesses to proactively adjust their financial strategies and optimize their operations.
3.	**Novelty / Uniqueness**	What sets our project apart is its unique integration of convolutional neural networks into the domain of bankruptcy prediction. This approach allows us to analyze financial data from a new perspective, potentially uncovering patterns and insights that traditional methods may overlook. It's a novel and groundbreaking approach in the field of financial risk assessment.
4.	**Social Impact / Customer Satisfaction**	Our project's primary aim is to promote economic stability and business sustainability. By accurately predicting bankruptcies, we empower companies and investors to make informed decisions, potentially preventing job losses and financial crises. This significantly enhances customer satisfaction by providing valuable, data-driven insights that mitigate risks and improve financial outcomes.
5.	**Business Model (Revenue Model)**	Our revenue model is subscription-based. Users, including businesses, investors, and financial institutions, pay for access to our web application. This model ensures a steady income stream, allowing us to continually enhance and maintain the system. We may also offer tiered pricing plans for different user categories to cater to various needs and budgets.
6.	**Scalability of the Solution**	Leveraging cloud-based infrastructure, our solution is highly scalable. As user demand grows, our system can seamlessly accommodate an increasing number of users and data inputs. This scalability ensures that our project can serve a wide audience without compromising performance or accuracy.