Project Design Phase-I
Proposed Solution Template

Date	25 october 2023
Team ID	592000
Project Name	Project – T20 Totalitarian: Mastering Score Predictions
Maximum Marks	2 Marks

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)	In the profession of cricket score prediction, a variety of strategies are used to forecast the innings score of a cricket match. Numerous systems and prediction computations are used to forecast the outcomes .The problem is addressed that the inaccurate predictions and analysis by these systems which may leads to loose of the game by wrong stratergy or wrong calculation.The models are not user-friendly interface not real time models.
2.	Idea / Solution description	we propose the development of an advanced T20 score prediction ML model, accompanied by a user-friendly interface, seamless integration capabilities, and a robust ethical framework. 1.By developing a good model with different types of machine learning algorithms, incorporating ensemble methods to ensure accurate and robust predictions. 2.By developing APIS for seamless integration with existing cricket analytical tools. 3. To design the model to be scalable, ensuring optimal performance with increased data volume and user load.
3.	Novelty / Uniqueness	The uniqueness of the proposed T20 score prediction ML model lies in its combination of advanced features, seamless integration, user-centric design, and ethical considerations and continuous improvement and updatation of data.scalable for everyone,safe and secure and accurate data present in the model. The inclusion of educational content within the interface enhances user understanding of cricket analytics and prediction models. Gamification elements add an element of

		excitement, keeping users engaged and invested in the prediction experience.T he model prioritizes fairness, transparency, and ethical considerations
4.	Social Impact / Customer Satisfaction	Our solution will have a significant positive impact on the cricket lovers and the people who watches cricket. 1..Enhanced Viewer Experience-Accurate predictions provide cricket enthusiasts with a more engaging and immersive viewing experience, creating excitement and anticipation during T20 matches. 2.Educational opportunities-The inclusion of educational content within the interface offers opportunities for users to learn more about cricket analytics, statistical factors influencing scores, and the functioning of prediction models, fostering a greater understanding of the sport. 3.Empowerment Through Information-Coaches and players can benefit from insights into opposing team strategies and key player performance, empowering them to make more informed decisions and strategies during matches 4.Inspiration for Innovation-he development of sophisticated prediction models in sports can inspire innovation in other fields.
5.	Business Model (Revenue Model)	The revenue model for our project involves partnering with e-commerce businesses,sports businesses, different types of channels to integrate this model to the people very fast. Revenue through the advertisements on the platform targeting a larger userbase.By partnering with data providers,cricket teams and leagues, funding companies for investment and bookmakers. By Offering a preemium model with basic predictions and premium subscription tiers for advanced features. By Providing responsive customer support to address user queries, issues, and feedback
6.	Scalability of the Solution	Our solution is highly scalable and can accommodate the growth of cricket sport. The machine learning model can handle large volumes of data, and its architecture is designed to be easily expandable to meet increasing demands. This scalability is crucial for accommodating the rapid growth of the e-commerce industry. The T20 score prediction

		ML model can handle growth in terms of users, data, and features while maintaining optimal performance and user satisfaction. Regular monitoring, testing, and optimization are essential components of a scalable solution.