**Project Design Phase-I**
**Proposed Solution Template**

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|---|---|
| Date | 01 November 2023 |
| Team ID | 592456 |
| Project Name | T20 Score Prediction |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | The problem is to accurately predict the T20 cricket scores for batting teams, considering various factors such as team composition, pitch conditions, player form, and historical performance data. The aim is to assist cricket enthusiasts, analysts, and betters in making informed decisions and enhancing their understanding of the game. |
| 2. | Idea / Solution description | The idea we proposed to predict T20 cricket scores. This solution uses machine learning algorithms, including feature extraction techniques and predictive models, to provide real-time score predictions. Additionally, we create a user-friendly web application to showcase the predictions and make them accessible to cricket fans. |
| 3. | Novelty / Uniqueness | The uniqueness of our solution lies in its combination of advanced machine learning techniques with a user-friendly web application. We also focus on specific features to increase the accuracy such as Pitch condition, Player form, Team formation etc. This approach make our solution unique from other existing cricket prediction tools. |
| 4. | Social Impact / Customer Satisfaction | Our solution aims to benefit cricket fans, sports analysts and betting enthusiasts by providing accurate score predictions. This can enhance their Experience while watching the matches and help in making predictions. This tool can help in understanding the game in better way. |
| 5. | Business Model (Revenue Model) | Our model gives maximum accuracy in Subscription model. In free model the accuracy may slightly decrease when compared to Subscribed model. |
| 6. | Scalability of the Solution | Our model can handle even if we increase the data and for ensuring that we pre-process the data correctly and also monitor and maintain the developed ML model. So finally even if we shift the scale of data, our model if feasible for handling it and giving the predictions. |