Project Design Phase-I Proposed Solution

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID35420 |
| Project Name | Airlines Data Analytics For Aviation  Industry’s |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

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

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| S.No. | Parameter |  | Description |
| 1. | Problem Statement (Problem to be solved) | • | To provide better airlines solutions and avoid flight delays during air travel across different regions. |
| 2. | Idea / Solution description | • | Understanding traveler demand for specific city pairs and pricing flights can be done using data analytics project. |
| 3. | Novelty / Uniqueness | • | Unique Visualization of data from different datasets and unique graphical representation |
| 4. | Social Impact / Customer Satisfaction | • | Data analytics helps the industry to understand customers’ preferences and other maintenance issues. |
|  |  | • | For instance, analysis of ticket booking helps the industry to target the customers with personalized offers while optimizing the price in real-time using predictive analysis techniques. As a result, by gathering meaningful data, airlines can fetch more bookings in the given timeframe. |
| 5. | Business Model (Revenue Model) | • | Creating a application in a subscription based model |
| 6. | Scalability of the Solution | • | Size and number of the data on the datasets can be large and sometimes very hard to visualize. |