

Project Design Phase-I
Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID26404 |
| Project Name | Project – Global Sales Data Analytics |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | Shopping online is currently the need of the hour. Because of this COVID, it's not easy to walk in a store randomly and buy anything you want. So, try to understand a few things like, Customer Analysis and Product Analysis of this Global Super Store. |
| 2. | Idea / Solution description | We are going to find the Global Sales using data analytics. Data analytics in global sales helps in analysing some important visualization, creating a dashboard and by going through these we will get most of the insights of Global Sales. IBM Cognos Analytics integrates reporting, modelling, analysis, exploration, dashboards, stories, and event management. Using these we can understand our organization's data, and make effective decisions. |
| 3. | Novelty / Uniqueness | This project differs from other existing projects by means of an interactive Dashboard. A dashboard helps to monitor events and activities at a glance by providing key insights and analysis about our data on one or more pages or screens. In this project Global Sales data analytics, we visualize and analyse and gain most of the insights by creating a dashboard and System design defines the architecture, data flow, use case, class, sequence, and activity diagrams of the project development. |

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| 4. | Social Impact / Customer Satisfaction | A customer satisfaction survey would be taken to measure the satisfaction of the customers. Using this survey results we can understand how well customers' expectations are being met. |
| 5. | Business Model (Revenue Model) | <pre> graph TD A[Identify the needs] --> B[Strategize Solution] B --> C[Implement Solutions] C --> D[Measure Effectiveness] D --> A subgraph Center G((Global Sales)) end </pre> |
| 6. | Scalability of the Solution | Scalability is an aspect or rather a functional quality of a system, software or solution. This proposed system for Global Sales prediction can accommodate expansion without hampering the existing workflow and ensure an increase in the output or efficiency of the process. |