

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

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|---------------|--|
| Date          | 24 September 2022  |
| Team ID       | PNT2022TMID22425   |
| Project Name  | Project - A New Hint To Transportation Analysis Of The NYC Bike Share System |
| 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) | <p>The goal of this analysis is to create an operating report of Citi Bike for the year 2018. To create data visualizations to understand</p> <ol style="list-style-type: none"><li>1.Total Number of Trips</li><li>2.What is Customer and subscriber with gender</li><li>3.Find the top bike used with respect to trip duration?</li><li>4.Calculating the number of bikes used by respective age groups.</li><li>5.Top 10 Start Station Names with respect to Customer age group</li></ol> |
| 2.    | Idea / Solution description              | <p>This project focuses on analysing visuals and creating dashboard using dataset that will accessible by the users to get know about the citi bikes usage within the city through IBM Cognos platform.</p>  |
| 3.    | Novelty / Uniqueness                     | <ol style="list-style-type: none"><li>1.Unique user experience.</li><li>2. prediction of availability of bikes.</li></ol>  |
| 4.    | Social Impact / Customer Satisfaction    | <ol style="list-style-type: none"><li>1.reduce the traffic and environment friendly.</li><li>2.ensuring the availability of bikes through continuous monitoring based on demand.</li></ol>   |
| 5.    | Business Model (Revenue Model)           | <ol style="list-style-type: none"><li>1.Fitness campaign.</li><li>2.revenue is generated through rental of bikes</li></ol>   |
| 6.    | Scalability of the Solution              | <ol style="list-style-type: none"><li>1. Map features</li><li>2. Traffic analysis</li></ol>  |