

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

Date	19 October 2022
Team ID	PNT2022TMID32480
Project Name	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)	The goal of this analysis is to create an operating report of City Bike. To create data visualizations to understand 1.Total Number of Trips. 2.What is Customer and subscriber with gender. 3.Find the top bike used with respect to trip duration? 4.Calculating the number of bikes used by respective age groups. 5.Top 10 Start Station Names with respect to Customer age group.
2.	Idea / Solution description	This project is focused of analysing some visuals and creating dashboard that will be accessible to users to get the insight of the usage of city bikes using IBM Cognos platform.
3.	Novelty / Uniqueness	1. Predict the best station. 2. Check the reliability of the bike, privacy protected. 3. user experience unique and efficient.
4.	Social Impact / Customer Satisfaction	1.reduce the traffic and environment friendly. 2.ensuring the availability of bikes through continuous monitoring based on demand.
5.	Business Model (Revenue Model)	Revenue is generated on renting the bike with the analysed data we can alter the pricing according to the demand of the customer.
6.	Scalability of the Solution	1. Map features 2. Traffic analysis