

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID32291
Project Name	A new hint to transportation – Analysis of the NYC bike share system.
Maximum Marks	2 Marks

Proposed Solution Template:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Unavailability of bikes during Peak hours, Unaware of the system and problem during bad weather cond.
2.	Idea / Solution description	Analysing the no of trips, about the population over place based on customer's gender and age categories.
3.	Novelty / Uniqueness	Exploration by creating data visualization by prediction of bike utilization.
4.	Social Impact / Customer Satisfaction	Pollution free environment. No need to depend on other means of transportation and economically feasible.
5.	Business Model (Revenue Model)	Having an membership active pass makes the customer can rent bikes with amount packages based on time-constraints per month/year.
6.	Scalability of the Solution	By data analysing, can improve the productivity of citi-bike system, widespread of utilization according to the customer's demands.