Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID02687
Project Name	A New Hint to Transportation-Analysis of the NYC Bike Share System
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A person or Organisation needs a way to analyze the NYC bike share system . So that they can get information and idea about it.
2.	Idea / Solution description	It contains a large amount of datasets,NYC bike share system . So it is difficult to do analyze in normal databases for persons and organisations.So our idea is that we converts a number of dataset sources into a single source of data . Using IBM cognos data analytics we are creating the dashboard using our data in the form of report and data visualisation.
3.	Novelty / Uniqueness	Our solution covers all years of report and then reporting it in improved interactive Dashboard. So it has no loss of information . Financial report for those who don't have membership.
4.	Social Impact / Customer Satisfaction	Identifying the people those who don't have membership and trying to do understand the problem and solve it . It increases the customer statisfaction and it attracts more customer also. By doing the data analysis we can get the hotplaces and most travelled locations and providing it in dashboard . it also increases customer satisfaction.
5.	Business Model (Revenue Model)	Citibike's huge part of revenue coming from sponsorship.Every year it generates 50% revenue for Citibank . 15 – 30 % through monthly membership. 10 -20 % through annual membership. 0 – 10 % revenue through casual riders.
6.	Scalability of the Solution	The report we have created involves an extended analysis for 2018 year . This analysis also provides government and people both have interests in low of cost , reduces air pollution , green environment . As more years to come , we can get more available ,we can show the details decreasing of air particles in air evidently.