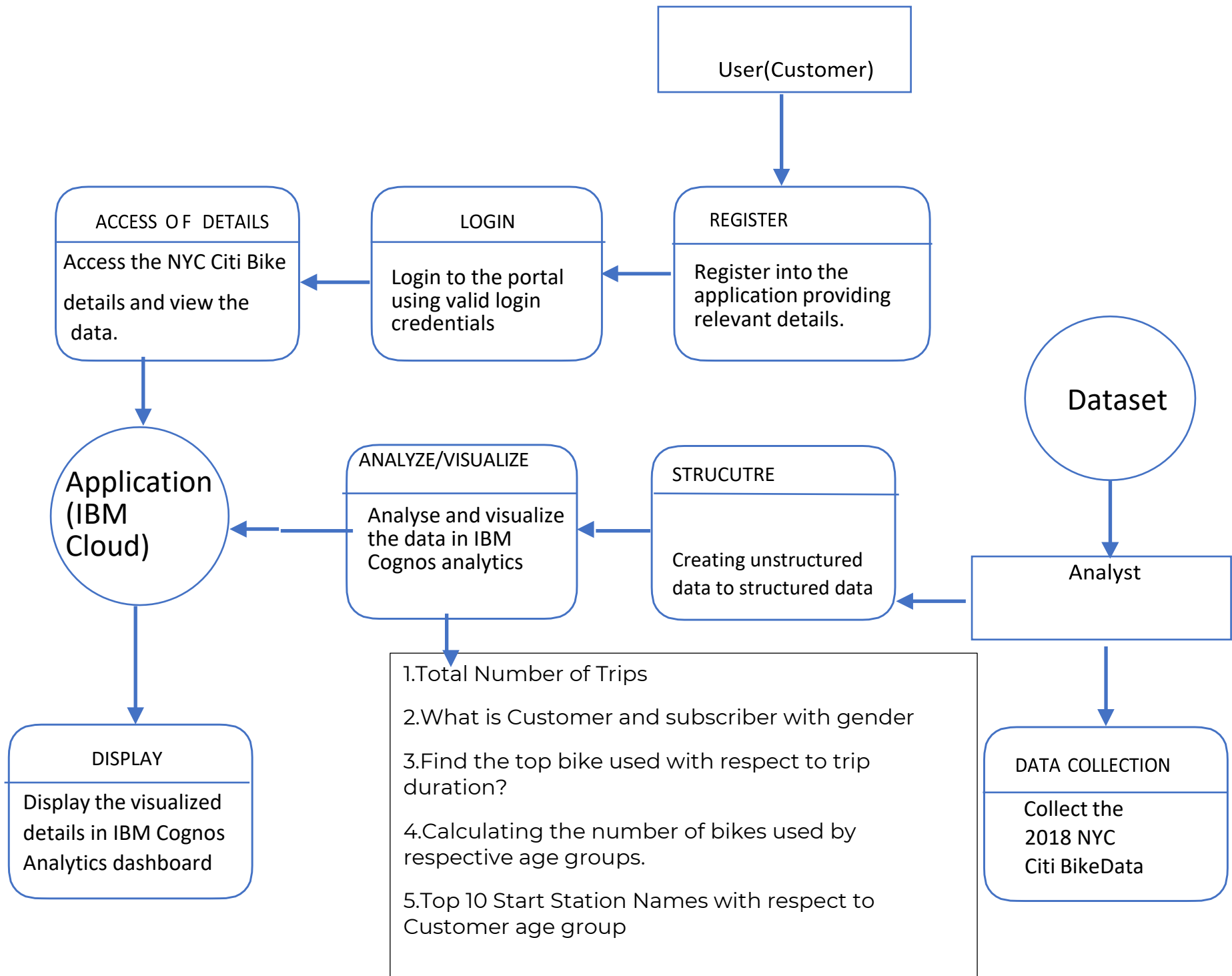


Project Design Phase-II Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID22425
Project Name	Project - A new hint to transportation - Analysis of the NYC bike share system
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer	Login	USN-2	As a user, I can log into the application by entering email & password	As an user it must provide an approval	High	Sprint-1
Customer	Access of Dashboard	USN-3	I should be able to see the visualisations as a user.	Should be able to view the following analysis : 1. Total number of trips 2. Subscriber and Customer with gender 3. Top Bike used with respect to duration 4. Number of bikes used by different age groups 5. Top start station name with respect to customer age group	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Manipulation of data	USN-4	I should be able to alter the data as a user and observe how the resulting visualisations change.	As a user, I should have the permission to manipulate the data	High	Sprint-2
Analyst(Admin)	User data collection	USN-5	NYC Citi bike share system 2018 dataset is collected	Access of dataset	High	Sprint-1
Analyst(Admin)	Login to the platform	USN-6	Login to the application to upload the analysed data.	Successful login	High	Sprint-2
Analyst(Admin)	Analysis of the user data	USN-7	This data is used as input for various types of visualisations, as well as for analysis and the creation of a dashboard.	Ability to view the data analysed using the given tools.	High	Sprint-3
Analyst(Admin)	Display of data	USN-8	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 .	Access the dashboard and Make sure it is an interactive dashboard	High	Sprint-3