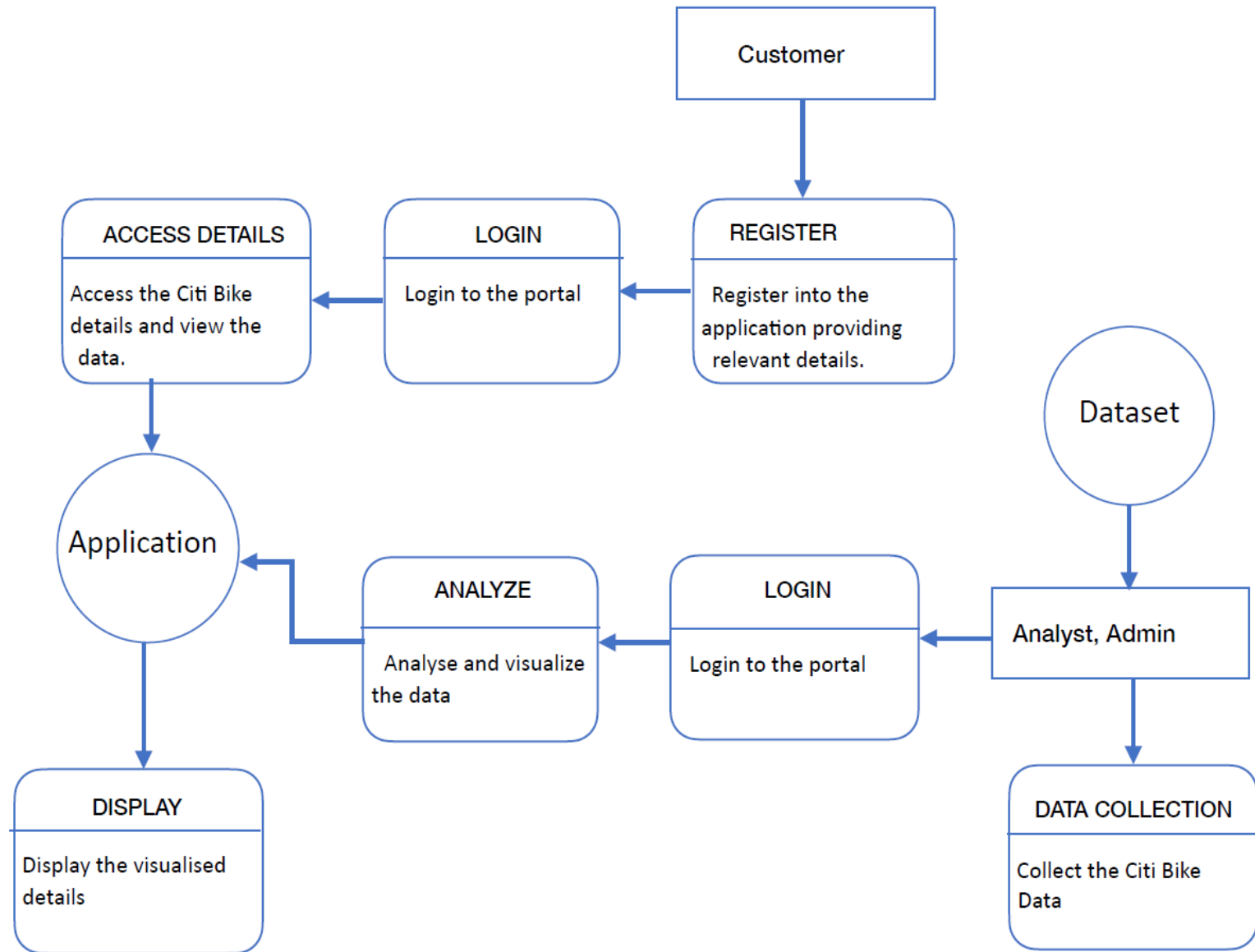


Project Design Phase-II
Data Flow Diagram & User Stories

| | |
|---------------|--|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID32188 |
| Project Name | 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 |
|-----------|-------------------------------|-------------------|--|---|----------|----------|
| | User Data collection | USN-1 | The information is available on the official Lyft Citi Bike website to aid in research, development, visualisation, etc. These released files are where the data is gathered. | Access the data from Lyft City Bike website | High | Sprint-1 |
| | Login to the platform | USN-2 | Login to the application to upload the analysed data. | Successful login | High | Sprint-2 |
| | Analysis of the user data | USN-3 | 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 |
| | Display of data | USN-4 | This dashboard is used to find the customer and subscriber with gender, to find the total number of trips, and to calculate the number of bikes used by respective age groups. It also displays the top bike used with respect to trip duration the top 10 Start Station and Names with respect to customer age group. | Access the dashboard and make changes | High | Sprint-3 |
| Customer | Register | USN-5 | Register with the application giving all the relevant details | Ability to access the account | High | Sprint-2 |
| | Login to the platform | USN-6 | Login to the application using the given username/email-id and password | Ability to access the account | Medium | Sprint-2 |
| | Access the details | USN-7 | Access the bike details and see the no.of bikes available | View the bike details | High | Sprint-3 |