Project Design Phase-II
Data Flow Diagram & User Stories

| Date	11 October 2022
Team ID	PNT2022TMID17967
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning
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.
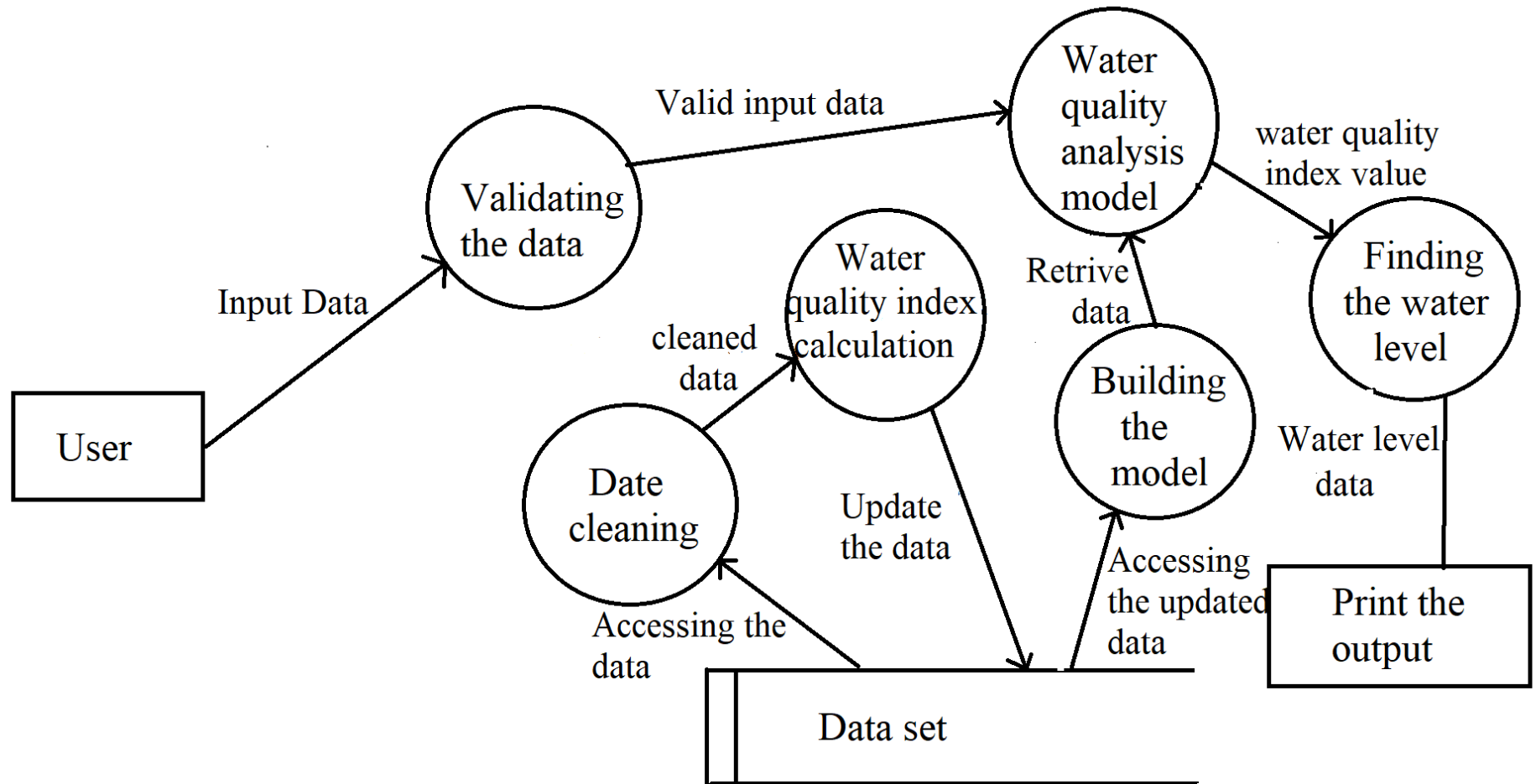
DFD Level 0
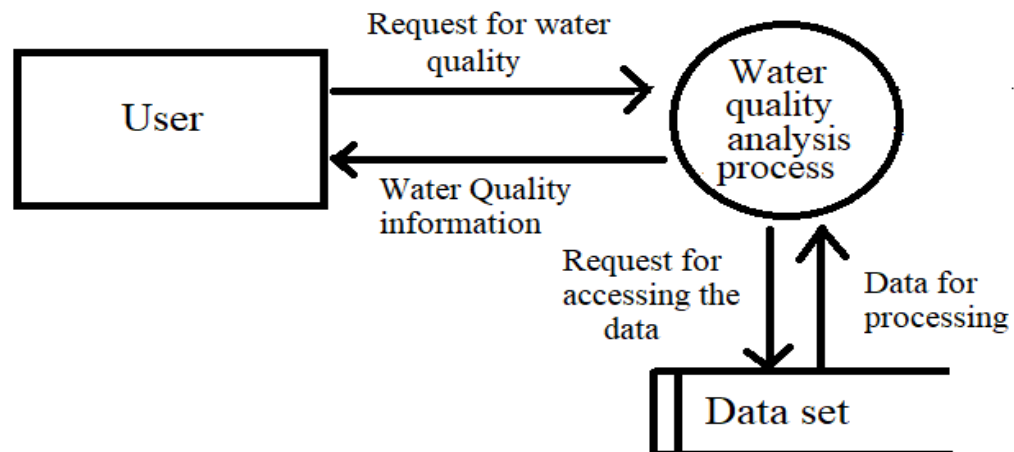
DFD Level 1
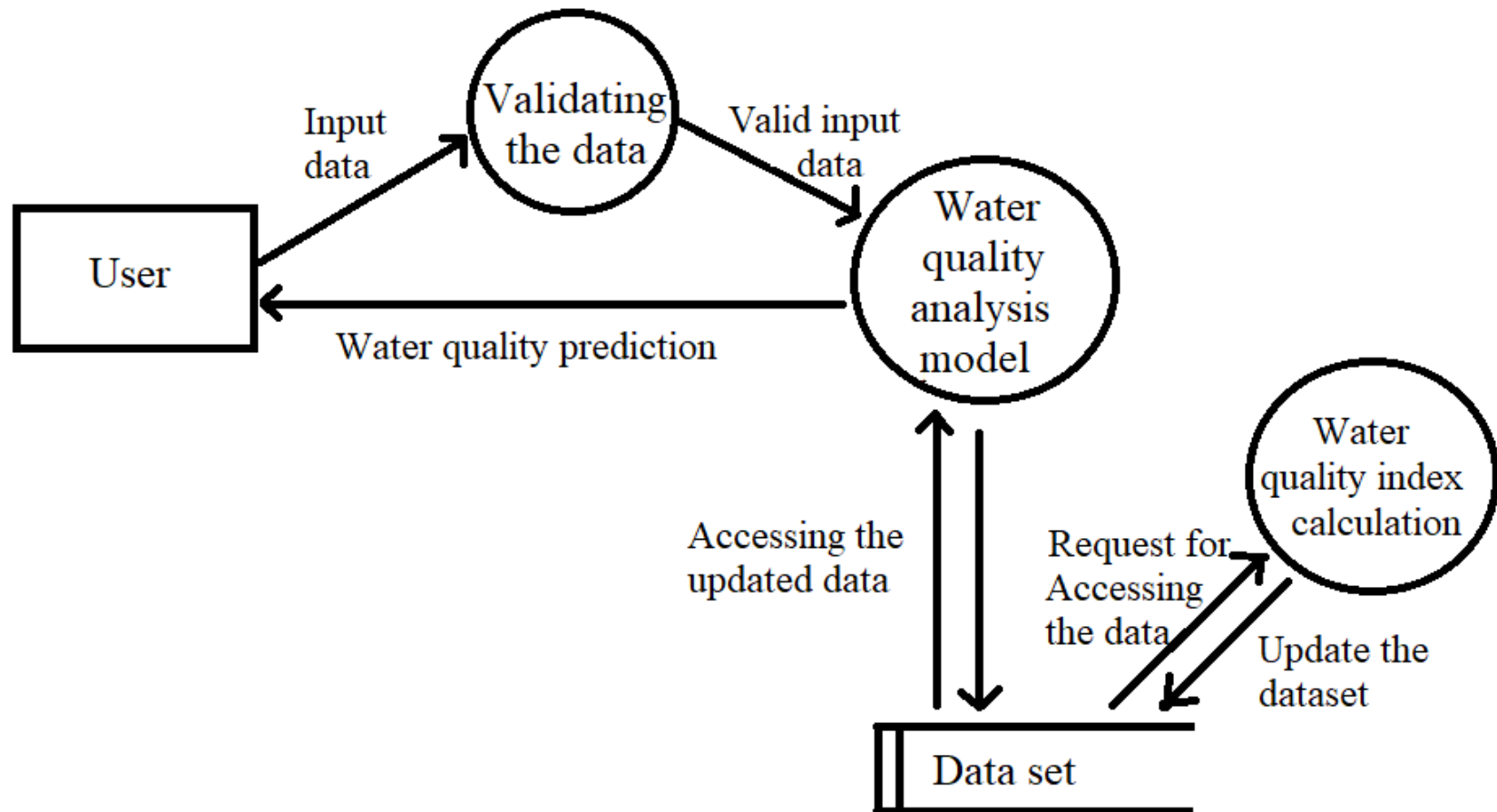
DFD Level 2

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 (Web user)	Data Validation	USN-1	As a user, I can enter the year, DO, pH, conductivity, BOD, nitratenen, Total coliform are float value not string.	I can see the water quality index and water quality level as Excellent, Very good, Good, Fair, Marginal, Poor.	High	Sprint-1