

PROJECT DESIGN PHASE 2

DATA FLOW DIAGRAM

DATE	19 October 2022
TEAM ID	PNT2022TMID37736
PROJECT NAME	Real-Time River Water Quality Monitoring and Control System

START

Connection is established
between the controller
and the network

Turbidity sensor and
pH sensor detects
the sample

Turbidity sensor and
pH sensor read and
determine the value

controller

Data is forwarded to
the smartphone via
Wi-Fi module

Is the value
obtainable

Result will be
displayed on smart
phone

Yes END

Data is gathered and
uploaded to the No