**PROJECT DESIGN PHASE - 1**

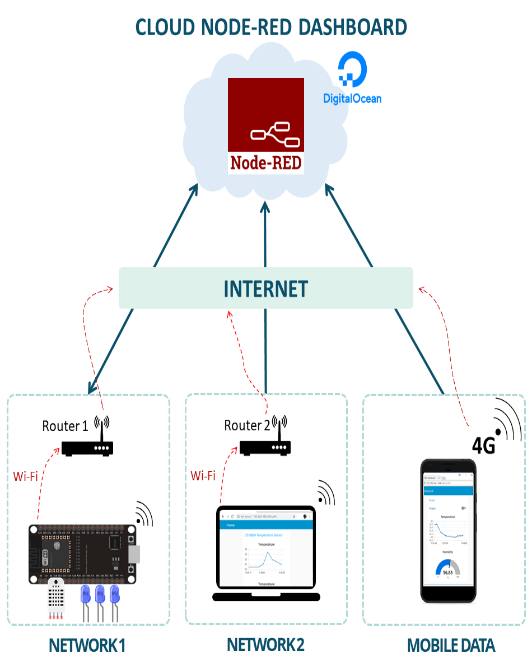
SOLUTION ARCHITECTURE

|  |  |
| --- | --- |
| Date | 10 October 2022 |
| Team ID | **PNT2022TMID03570** |
| Project Name | **Real-Time River Water Quality Monitoring and Control System** |
| Maximum Marks | 4 Marks |

**SOLUTION ARCHITECTURE:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

* Find the best tech solution to solve existing business problems.
* Describe the structure, characteristics, behaviour, and other aspects of the software to project stakeholders.
* Define features, development phases, and solution requirements.
* Provide specifications according to which the solution is defined, managed, and delivered.

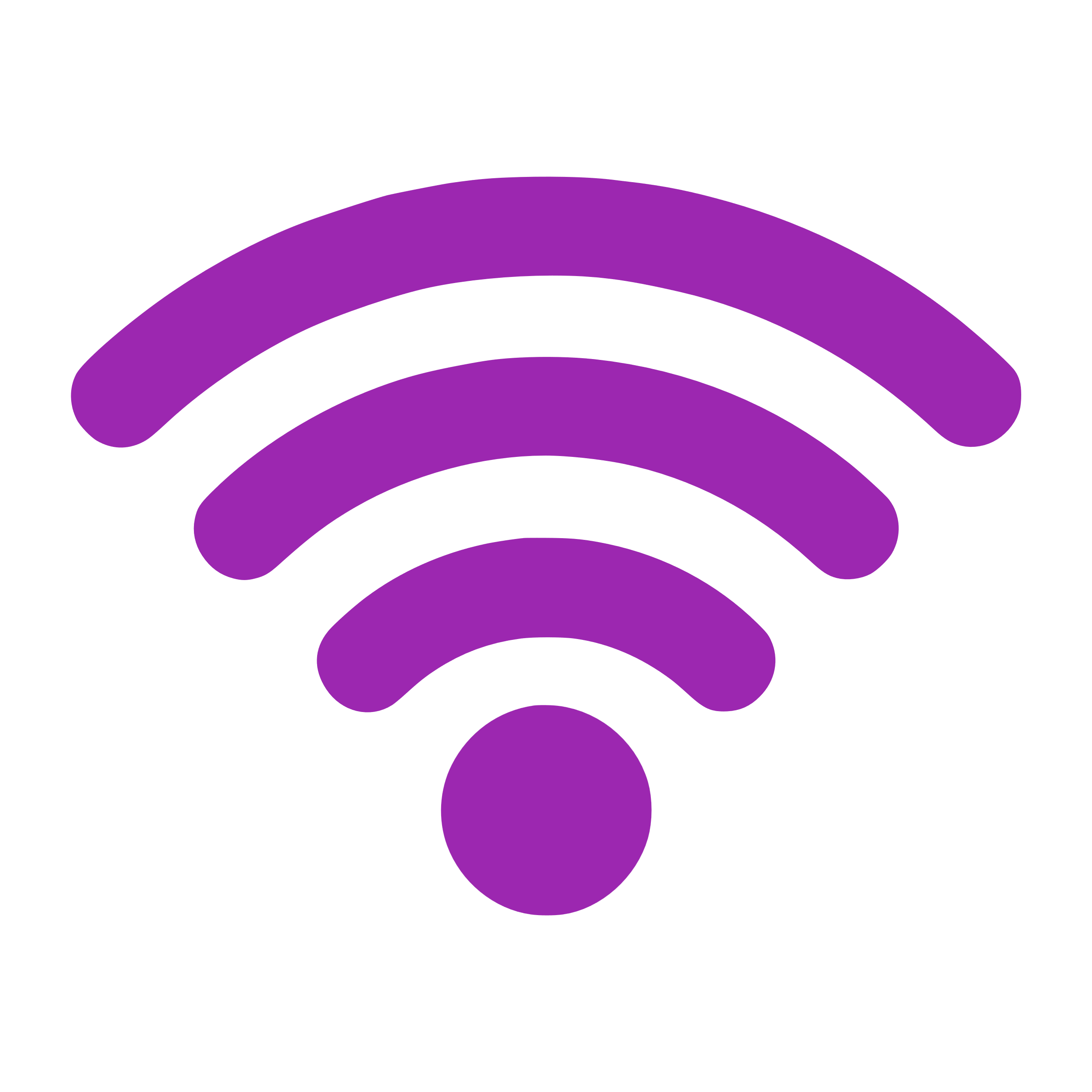


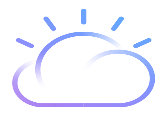


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user interface

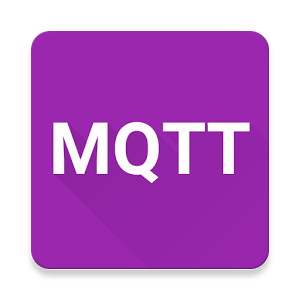
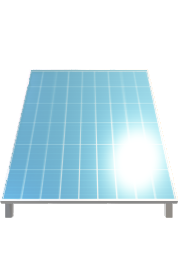
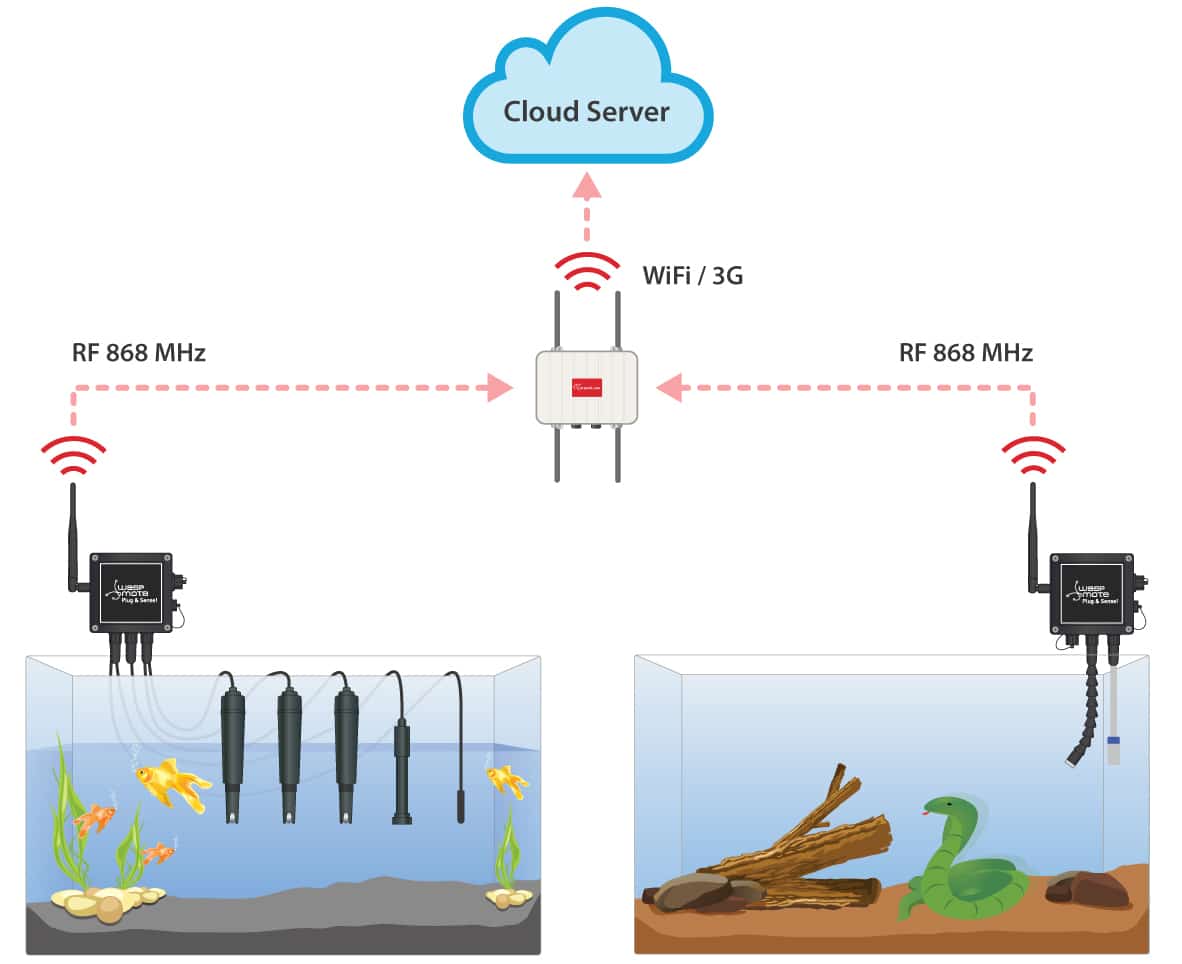






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WIFI/INTERNET





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python random data

sensing water quality

REMOTE ACCESS

FLASH SMS

SOLAR POWERED

IOT WATSON PLATFORM

IBM cloud

MCU