Project Design Phase-II

Data Flow Diagram & User Stories

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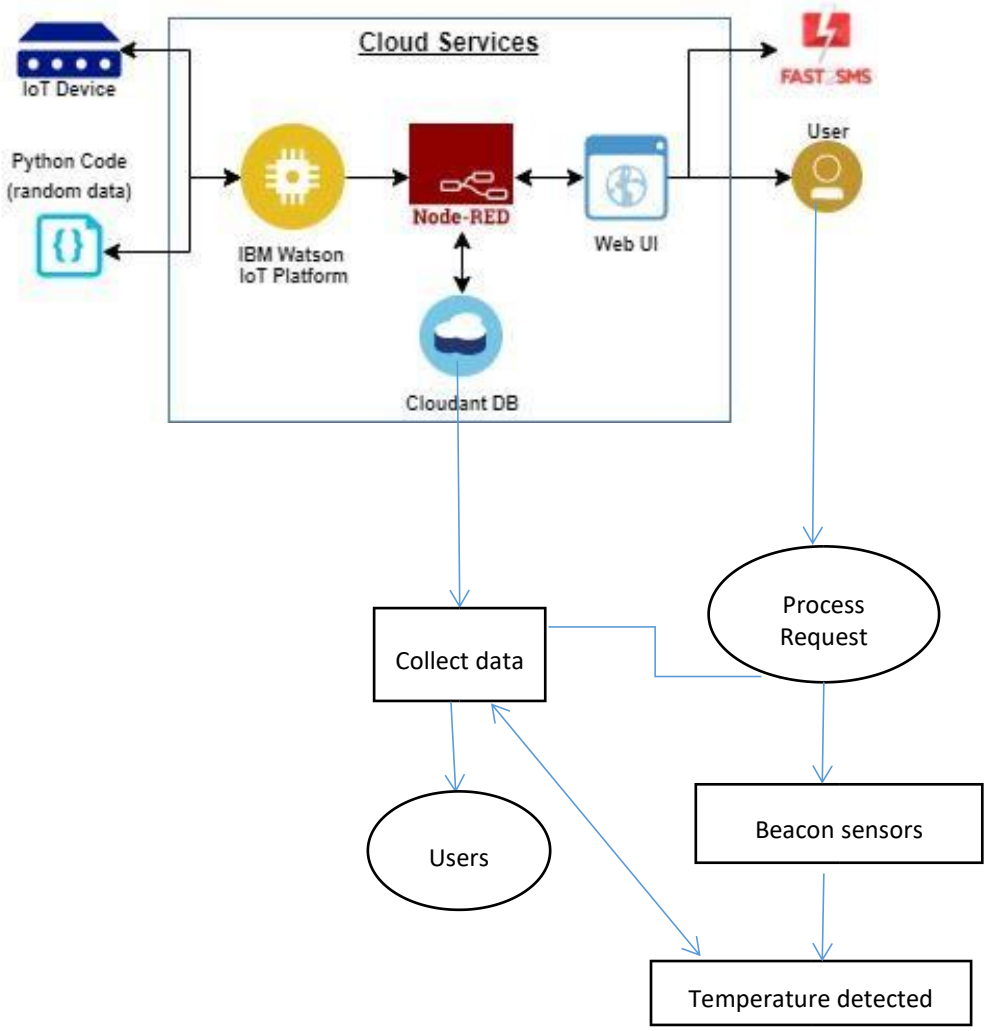
| Date | 19 October 2022 |
| Team ID | PNT2022TMID38968 |
| Project Name | Hazardous Area Monitoring for Industrial plant Powered by IOT |
| Maximum Marks | 4 Marks |

Data Flow Diagram:




User Stories:

| User Type | Functional Requirement | User story number | Userstory /Task | Acceptance criteria | Priority | Release |
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| Technician | Installation | USN-1 | As the technician install smart beacons at points to ensure the entire plant | A beacon can be fixed in all area of the plant | High | Sprint-1 |
| | Data gathering | USN-2 | The beacons detected the temperature of using sensors | The temperature of each area within the plants is obtained | High | Sprint-1 |
| Worker | Wearable device display | USN-3 | Wearable devices should display the data sent by beacons | User can view the temperature of the particular area | High | Sprint-1 |
| | Customization | USN-4 | User can adjust the device and to itself | User can modify the display | Low | Sprint-2 |
| | Sms notification | USN-5 | User is received the notification from the device through an API they in high temperature | User is informed Via sms as detected by beacons | High | Sprint-2 |