

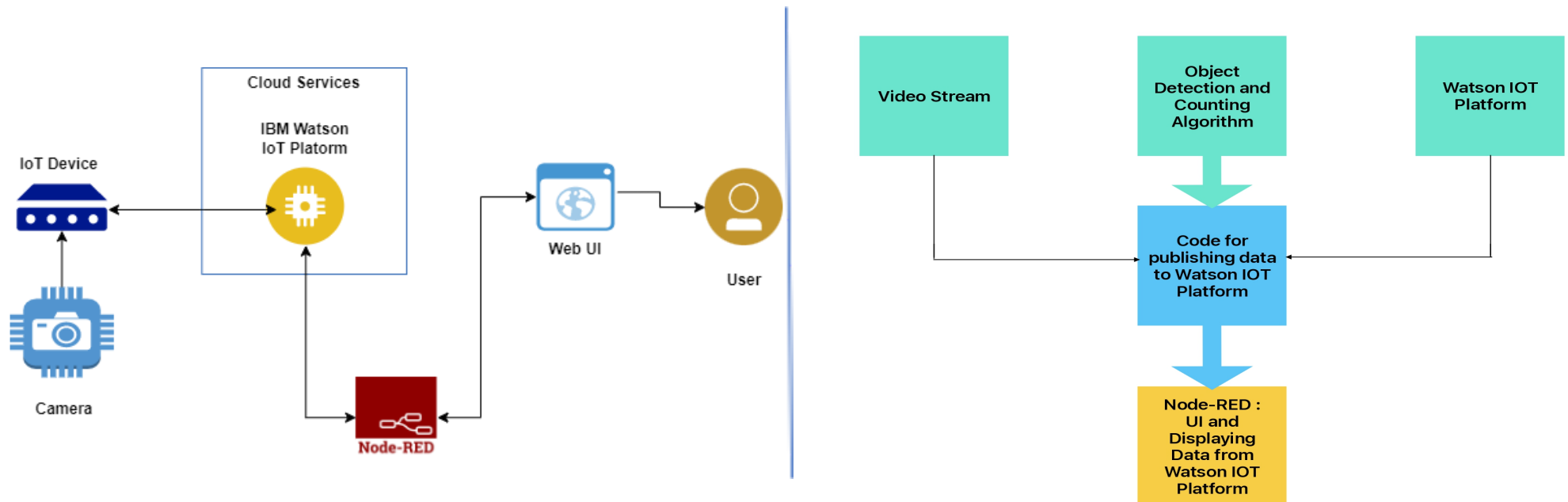
Project Design Phase-II

Data Flow Diagram & User Stories

Date	18 May 2023
Team ID	NM2023TMID17628
Project Name	Go No Queue-Rush Estimator for corporate cafeteria

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 :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Team Member
End User	Object Detection	USN-1	As an end user, I want to detect objects in videos	1. The algorithm accurately detects objects in videos.	High	Vignesh
				2. The detection results are displayed on the UI.		
				3. The detection process is efficient and timely.		
Administrator	Real-time Monitoring	USN-2	As an administrator, I want real-time monitoring	1. The system displays the current occupancy of the cafe.	Medium	Uday
				2. The system provides historical occupancy data.		
Developer	Integration with Watson IoT Platform	USN-3	As a developer, I want to integrate with Watson IoT	1. The Python code successfully publishes data to Watson IoT Platform.	High	Macleish
				2. The data sent to Watson IoT Platform is accurate and reliable.		
				3. The integration is secure and follows best practices.		

