Project Design Phase-II
Data Flow Diagram & User Stories

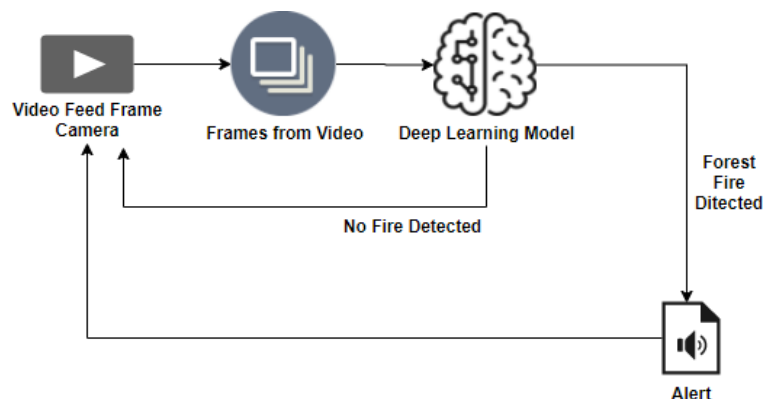| Date	03 October 2022
Team ID	PNT2022TMID10657
Project Name	Smart Lender- Applicant Credibility Prediction For Loan Approval
Maximum Marks	4 Marks

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.
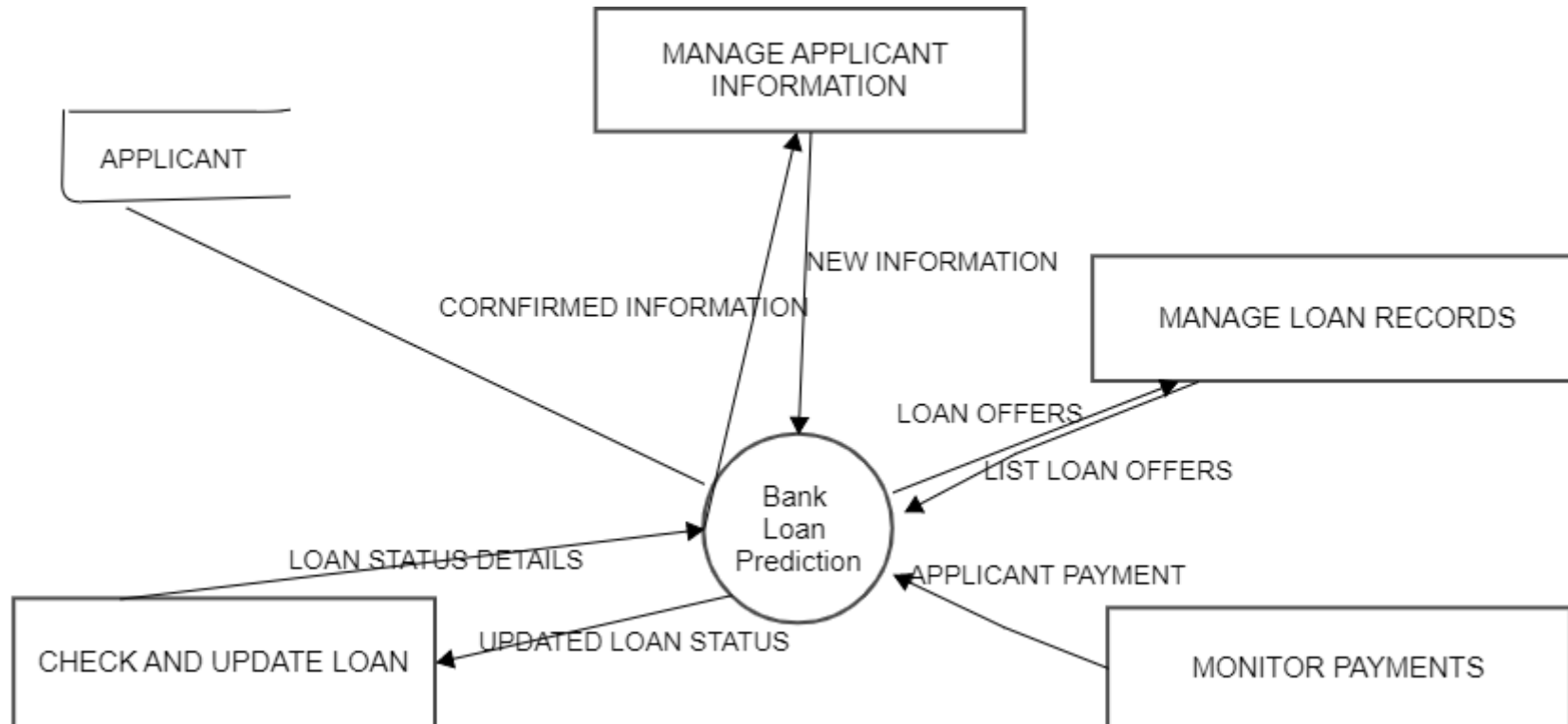
Example:

FLOW

- □ It is difficult to predict and detect Forest Fire in a sparsely populated forest area.

- □ it is more difficult if the prediction is done using ground-based methods like Camera or Video-Based approach.

- □ Satellites can be an important source of data prior to and also during the Fire due to its reliability and efficiency.

- □ The various real-time forest fire detection and prediction approaches, with the goal of informing the local fire authorities.

- □ If the fire is not detected ,it will send the result to the frame camera.if the forest fire will detected the alert will go to the video feed frame camera.

DFD:

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story I Task	Acceptance criteria	Priority	Release
Applicants (Web User)	Sign up and Login	USN-1	As the user the applicant, need to register and login the site..	Acess the website	Medium	Sprint-3
		USN-2	Fill the Application Form. Select the loan type based on the requirement.	Check the eligibility of the applicant based on the past history	High	Sprint-4
	Implement the algorithm	USN-3	It is the realization of an application or execution of a plan, idea, model. The particular algorithm is used to predict the loan approval or rejection.	Accuracy of each algorithm is calculated .So that it is easy to obtain the most accurate output.	High	Sprint-2
	Load Dataset	USN-4	Evaluate the Dataset	Data is evaluated before processing	Medium	Sprint-1
	Evaluate Accuracy of the output	USN-5	The accuracy of the output is necessary through that the applicant may know their loan strategy.	The output is important for obtaining the right decision.	High	Sprint-3