

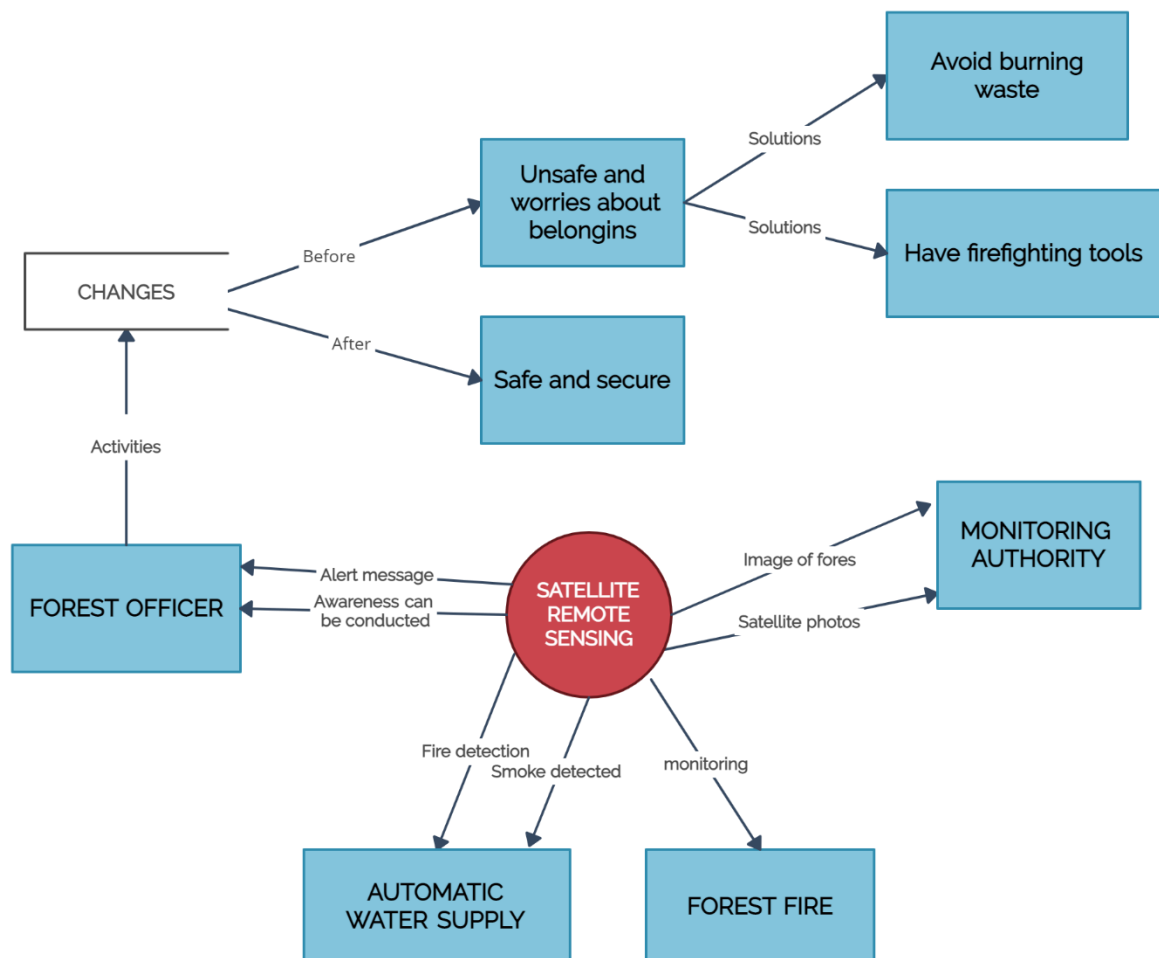
PROJECT DESIGN PHASE-II

DATA FLOW DIAGRAM AND USER STORIES

Date	22 October 2022
Team ID	PNT2022TMID09657
Project Name	Emerging Methods for Early Detection of Forest Fires
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.



User Type	Functional Requirement	User Story Number	User Story/Task	Acceptance criteria	priority	Release
Development work	Data collection	USN -1	One of the important work in this is to collect the data of the forest like smoke, temperature, rain, dry season and wet season	It is an essential thing to gather the accuracy of the data or else the prediction can become incorrect.	High	Sprint 1
	Application of algorithm	USN-2	Find a potential prediction-based algorithms	To gather the algorithms and determine each algorithm's accuracy level	High	Sprint 2
	Accuracy of the algorithm	USN-3	Then we need to check for the accuracy of those algorithms	accuracy of each algorithm's is calculated and making it simple to get the most precise results	Medium	Sprint 2
		USN-4	Dataset that is collected in the first has been taken here for evaluation	Data has been accessed first before processing it	Medium	Sprint 1
	Determine the accuracy of the algorithm	USN-5	Determine the accuracy, precision and recollection of each algorithm.	Output has been predicted using it.	High	Sprint 3
Eco activities	Core purpose	USN-6	The programme should be designed and developed in such a way that the optimal user interface and maintenance are considered.		High	Sprint 1
		USN-7	All devices and screen sizes can access the website without any issues.	The experience of user should be positive regardless of the platform	High	Sprint 1
		USN-8	The updates must contain the answers to the asked questions in a timely manner.	The change shouldn't have any impact on the currently available features.	High	Sprint 1

