Team ID	PNT2022TMID33568
Project Name	Emerging Methods for Early Detection of Forest Fires.
Mentor Name	T Sivalingam
Domain	Artificial Intelligence

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:

❖ This planning illustrates the division of mass on UAVs and provides a better understanding of the performance analysis of UAVs.
❖ Specifically, maximum take-off weights (MTOW) assess the UAV payload capacity at different heights above the ground.
❖ The battery used on the UAV reserves the UAV in GPS-enabled environments for 107 minutes of duration, whereas on the GPS disabled environment, maximum flight time is 87 minutes.

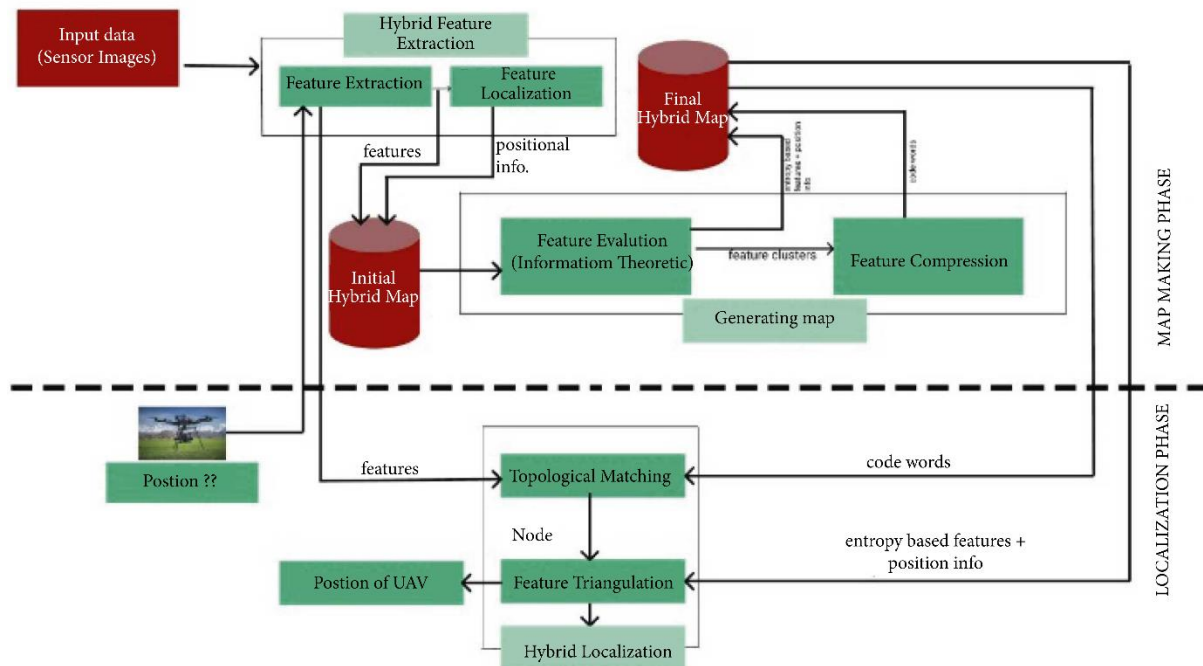## Example - Solution Architecture Diagram:

Figure 1: Architecture and data flow of the forest fire using UAV and learning techniques

Reference: https://www.hindawi.com/journals/cin/2022/3170244/