Military Institute of Science & Technology (MIST)

Department of
Computer Science and Engineering (CSE)

Session : Level 4, Term I (Spring 2021)
Batch : CSE-18
Course Code : CSE-460
Course Title : IDP-II
Group : ***Delta_B***

AI Surveillance Tower (AIST)
System Architecture

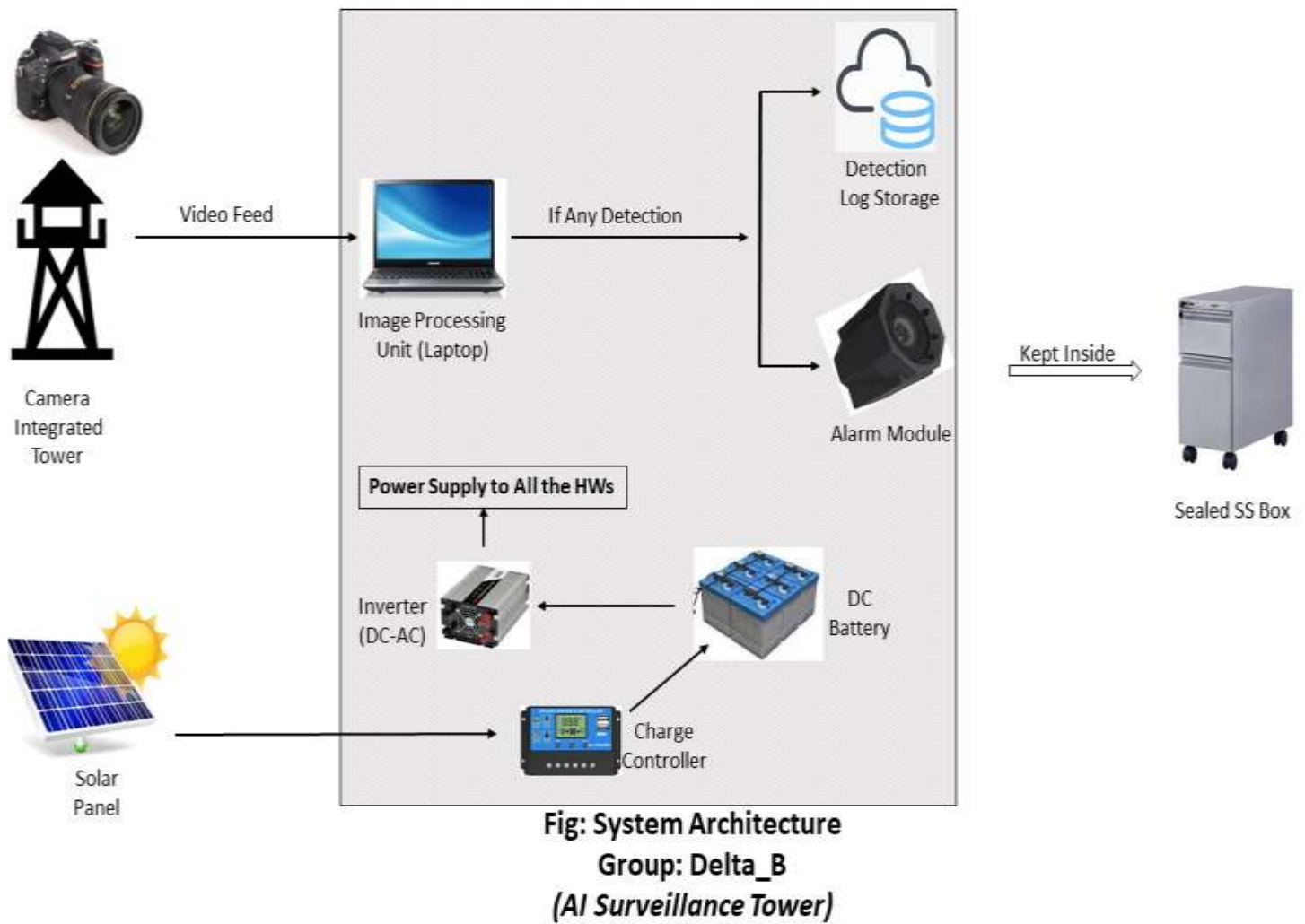| ID	RANK	NAME	SEC
201814003	Maj	Md. Nayeem Morshed Rumman	
201614123	Capt	Md. Rafsun Sheikh	
201614109	Lt(Retd)	Ishrak Latif	B
201714127	Lt	Md. Naimur Rahman Hemal	

<u>System Architecture</u>

Camera Integrated Tower

Video Feed

Image Processing Unit (Laptop)

If Any Detection

Detection Log Storage

Alarm Module

Kept Inside

Sealed SS Box

Power Supply to All the HWs

Inverter (DC-AC)

DC Battery

Solar Panel

Charge Controller

**Fig: System Architecture
Group: Delta_B
(AI Surveillance Tower)**

Fig: System Architecture