**Questions raised by lecturers**

1. Risky to build a platform (Stabilization might not work and if a servo motor gets burnt that would be risky) - Upeka sir
2. Use current navy vessel platforms and thermal cameras to obtain the dataset (might have to build an adapter or something) - Upeka sir, Kithsiri sir
3. Look for color conversion schemes such that the available maritime dataset can be converted to what we need - Upeka sir
4. Look at how many pixels are needed in identifying the objects in maritime environment, and how many pixels the camera provides (320 x 240)- Chamira sir
5. Why Stewart platform (consider bandwidth limitation) and why not use a 2-axis gimbal for that - Rohan sir
6. Use of digital video stabilization with an existing camera from navy
7. Look into thermal Maritime object detection reliability – Jayasinghe Sir

**Identified tasks to be carried out**

Without the dataset:

1. Activity detection pipeline with CornerNet-lite object detector & conversion to python
2. Tracking (Image processing) - Benchmarking Algorithms
3. Building entire pipeline
4. Contact navy to find means of collecting dataset
5. Conversion schemes from RGB to Thermal (Deep Learning + Computer Vision algorithms)
6. Annotation method for activity detection using IPATCH