Additional Topics

You are required to design a Sentient Computing System using Active Bats to locate people and physical objects.

(a) Indicate how you would model the environment and represent space in your architecture. [8 marks]

(b) Show how you would use the tracked objects’ dynamics to process and filter incoming location data. [8 marks]

(c) Discuss the feasibility of a spatial monitor that generates events in terms of geometric containment and overlapping. [4 marks]