



University  
of Glasgow

Teams of 3-4: 10-15 minutes

# ESD3 Class Task: Earthquake Early Warning System

- User Request:

Design an earthquake detection system to measure and record the time of a seismological event. The system must **ALSO** be able to compare the recorded signals across 4 different measurement locations located around the world (>1000km between them). The measurement accuracy must be synchronised to within 1us across all 4 locations.

- Task: Prepare a list of 3 questions you would ask the user to help you develop a specification

