MechEng SE3 2009-10   Tutorial 5

Sequence and Communication Diagrams

Background

This tutorial provides practice in constructing sequence and communication diagrams, given that you already have defined the main use cases and have constructed an initial class diagram for a problem.

Exercise

Based on the use cases for the Museum example, from Tutorial 4, together with the class diagram (version 2, reproduced below) developed for Tutorial 4 Sample Solution, create:

- A **sequence diagram and a communication diagram** to show an implementation of *Create Tour*;

- A **sequence diagram and a communication diagram** to show an implementation of *Assign Guide to Tour*, assuming that at least one guide is available to take the specified tour.