MEDsys Coding Challenge

Write a small web application that solves the following business needs:

- Allows you to add an appointment to a data store of some kind.
    - o You do not need to include the creation of a database (unless you want to). It could be a simple in memory list/container.
- An appointment has a client, a staff, and one or more service lines.
    - o A client has a first name, last name, and a birth date.
    - o A staff has a first name, last name, and a specialty.
    - o A service line has a start time, end time, and the service provided.

The following business rule/validations should exist:

- If a service line crosses midnight, it should be broken into 2 separate service lines from the start time to midnight, and one from the midnight to the end time.
- If a client is older than 70, then the staff must have a specialty of "Geriatrics". Otherwise the schedule should not be created.