

CS 548—Enterprise Software Architecture and Design

Assignment Five—Service-Oriented Architecture—Rubric

-100 if domain model is accessed outside of PatientService or ProviderService

-100 if aggregate pattern is violated e.g. service accessing a treatment entity

-100 if you are not using the following, as specified in provided POM files and Dockerfiles:

- Java 17
- Jakarta 10
- Payara 6

-25 if you are using `java.util.Date` which is obsolete.

35 Code Completion

TreatmentExporter:

1. ☐ 5: Completed export operations

PatientService:

2. ☐ 5: CDI annotations
3. ☐ 5: `getPatient(UUID)`

ProviderService:

4. ☐ 5: CDI annotations
5. ☐ 5: `getProvider(UUID)`
6. ☐ 5 `addTreatment(TreatmentDto)`

Backing beans in Web app:

7. ☐ 5: CDI annotations

60: Testing (with video)

Show generation of Web app in Eclipse, app deployed from Payara admin console, then show Web app for patients, providers and treatments

- ☐ 10: List of all patients (at least three)
- ☐ 10: List of all providers (at least three)
- ☐ 10: Details for each patient (must have more than one treatment)
- ☐ 10: Details for each provider (must have more than one treatment)
- ☐ 20: Details for each type of treatment (at least one must have follow-up treatments)

5: ☐ **Completed rubric**

Total: