

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 21
- Jakarta 10
- Payara Micro 6.2025.1

-25 if you are using `java.util.Date` which is obsolete.

30 Code Completion

TreatmentExporter:

1. ☐ 5: Completed export operations

PatientService:

2. ☐ 5: CDI annotations

ProviderService:

3. ☐ 5: CDI annotations
4. ☐ 5: `getProvider(UUID)`
5. ☐ 5 `addTreatmentImpl` missing cases

Backing beans in Web app:

6. ☐ 5: CDI annotations

65: Testing (with video)

Show generation of Web app in IntelliJ, app deployed from command line (**you must also show the logs with Payara Micro URL**), 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)
- ☐ 25: Details for each type of treatment (at least one with follow-up treatments)

5: ☐ **Completed rubric**

Total: