

CS 548—Enterprise Software Architecture and Design

Assignment Nine—MOM—Rubric

Events (35 points)

- ☐ 15 marks: In ProviderService.java, add code for sending messages in addDrugTreatment, addSurgery and addRadiology operations.
- ☐ 10 marks: Complete TreatmentListener MDB in ClinicBillingService; subscribes to the "jms/Treatment" topic; create billing record upon receiving "treatment added" messages.
- ☐ 10 marks: Complete DrugTreatmentListener MBD in ClinicResearchService; subscribes to the "jms/Treatment" topic, filtered for drug treatments; upon receiving "treatment added" messages, create drug record for research purpose. DrugTreatmentListener uses annotations to filter for DrugTreatment notifications.

☐ Testing Videos (60 points)

- Billing and Research databases before adding treatments
- Add (drug and non-drug) treatments via the REST API (e.g. using curl)
- Treatments added to Billing database; non-drug treatments added to Research database

☐ Completed Rubric (5 points)

Total: