CS 548—Enterprise Software Architecture and Design
Assignment Eight—Micro Profile—Rubric

Provide video(s) demonstrating each of these steps. **Your name must appear in each video.**

1. ☐ [10] Create database docker image, start container running, and inspect container using docker. Show database logs via docker.
2. ☐ [10] Microservice code completed, including annotations.
3. ☐ [15] Create microservice docker image, start container running, and inspect container using docker. Show microservice logs via docker. Show database tables by connecting via Eclipse JPA perspective.
4. ☐ [10] Microservice client code completed, including annotations.
5. ☐ [15] Create clinic web app docker image, start container running, and inspect container using docker. Show web app and microservice logs to show web app initialization successfully invoking the microservice (both service invocations from the web app and execution on the microservice for each microservice call should be logged).
6. ☐ [10] Demonstrate the fully functioning web app, showing patients, providers and treatments. Show via docker logs that it is correctly invoking the microservice to interrogate the database.
7. ☐ [15] Create clinic REST app docker image, start container running, and inspect container using docker. Use the REST client to execute the web service operations, including uploading patients, providers and treatments. Show REST app and microservice logs to show REST app successfully invoking the microservice (both service invocations from the web app and execution on the microservice for each microservice call should be logged).
8. ☐ [10] Demonstrate liveness and readiness checks working for the microservice (Code must be completed).
9. ☐ [5] Completed rubric

Total: ☐