CS 548—Enterprise Software Architecture and Design
Assignment Nine—Kubernetes—Rubric

1. ☐ [15] Create database docker image, launch deployment and service, and describe service using kubectl. Show database logs via kubectl logs. Show database tables by connecting via Intellij Database tool.
2. ☐ [20] Create microservice docker image (clinic-domain), launch deployment and service, and describe service using kubectl. Show microservice logs via kubectl logs. Show invocation of some query operations on microservice using web browser. Show health checks on microservice.
3. ☐ [20] Create webapp docker image (clinic-webapp), launch deployment and service, and describe service using kubectl. Show that webapp works using a web browser and use logs to show it is using the backend microservice.
4. ☐ [15] Create clinic web service docker image (clinic-rest), launch deployment and service, and describe service using kubectl. Test query operations using a web browser and show web service logs via kubectl logs.
5. ☐ [25] Add patients, providers and treatments via REST client, and show that these are added to the domain using the web application.
6. ☐ [5] Completed rubric

Total: ☐