

Lab 1 Rubric: Stateful Client–Server Chat Application

Instructor: Dr. Maryam R. Aliabadi

Total Points: 100

Component	Criteria	Excellent (Full Marks)	Partial	Missing / Inadequate	Weight
Client & Server Code	client.py and server.py implementation	Fully functional, well-structured, and clearly commented	Minor issues or limited comments	Non-functional or missing	40%
Execution Recording	Chat application demo (login, messaging, exit)	Clear recording showing full workflow; link provided	Incomplete demo or unclear recording	Missing or no access	15%
Robustness Testing	Error handling and edge cases	Multiple robustness scenarios tested and explained; link provided	Limited testing or weak explanation	Missing	15%
Security Analysis & Reflection	Reflection report (PDF)	Clear discussion of security considerations, limitations, and learning outcomes	Superficial analysis	Missing or unclear	30%