



ROSEBANK
COLLEGE



**THE INDEPENDENT
INSTITUTE OF
EDUCATION**

Cape Town Campus

Campus:

Bachelor of IT in Business Systems

Faculty:

PROG5121

Module Code:

POE: 1, 2,3

Lecturer's Name: Annelisa M.

Sudent Full Name: Bráulio Jorge Gonçalves Bravo

Student Number: ST10467014

DESCRIPTION OF THIS PROJECT

University POE Project: Java Login & Messaging System - Complete authentication system with user validation, secure messaging, auto-generated message IDs/hashes, array management, JSON integration, and comprehensive unit testing.

Repository link: <https://github.com/braulio-j-g-bravo/BRAULIO-POE>

Reference:

- [1] Oracle, "Java Documentation," 2024. [Online]. Available: <https://docs.oracle.com/javase/8/docs/api/>. [Accessed: Nov. 18, 2024].
- [2] OpenAI, "ChatGPT (GPT-4) [Large language model]," 2024. [Online]. Available: <https://chat.openai.com/>. [Accessed: Nov. 18, 2024].
- [3] GitHub, "GitHub Actions Documentation," 2024. [Online]. Available: <https://docs.github.com/en/actions>. [Accessed: Nov. 18, 2024].
- [4] J. Bloch, Effective Java, 3rd ed. Boston, MA, USA: Addison-Wesley, 2018.
- [5] M. Lutz, Learning Java, 5th ed. Sebastopol, CA, USA: O'Reilly Media, 2020.