

DECLARATION OF SOLE AUTHORSHIP

We, Ankit Sharma and Ryan Doran, hereby certify that the attached work is wholly and completely our own, and that we have indicated all the sources that we have consulted (with the exception of short code snippets less than 5 continuous lines of code; this includes any code produced by ChatGPT or other AI tools). Any sections quoted from these sources are clearly indicated in quotation marks or are otherwise so declared. I further attest that I have included acknowledgement of the name(s) of any person(s) consulted in the course of preparing this assignment.

SIGNED BY ANKIT SHARMA:

A handwritten signature in dark ink, appearing to read 'Ankit Sharma', with a long horizontal stroke extending to the right.

SIGNED BY RYAN DORAN:

A handwritten signature in dark ink, appearing to read 'Ryan Doran', with a stylized 'R' and 'D'.

DATE: **28th May 2023**