Independent Topic Form (4.5 credits)

Independent study of a particular topic under the supervision of an instructor with relevant expertise in the area.

This form must be returned to the MMA Office complete with your supervisor's signature by the Add/Drop Deadline (2nd week of classes) of the term in which you plan to undertake this project.

Name:___Boyang Wan_____ McGill ID#: __261226156_____

Course Number:___BUSA 611-613_____ Term of Project:__Fall 2025_____

Proposal Title: ___Multi-agent AI Solution for Retail Industry_____

Brief Description:

This project starts with structured interviews with retail professionals to pinpoint real industry challenges that need AI solutions. (eg: retail pre-season planning, which includes demand forecasting, assortment planning, and allocation optimization, serves as a clear example) We will define the actual problem space through these interviews. Based on the findings, we will design and develop specialized AI agents that work together through an orchestrator to simplify decision-making processes that usually require manual coordination across various departments and stakeholders.

Basis on which grade will be calculated:
Interview Guide, Evidence Pack, PRD, Architecture Doc, MVP+Eval,
Final Demo+Technical Report

Student's Signature: _____ Date:__Aug 31, 2025_____

Supervisor's Name: _____

Supervisor Signature: _____ Date:_____