ECSE 458-N1- Project Proposal

1) Project Title: Dapper

2) Students Information:

Members	ID	Email
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3) Project Advisor:

Prof. Majid Babaei – majid.babaei@mcgill.ca

4) Intellectual Property:

Prof. Babaei has expressed no requirement for Intellectual property agreement and the software will be open source, under the GitHub MIT license.

5) NDA:

Since the project is open source, we concluded that there is requirement for a Non-Disclosure Agreement.

6) Group Meetings and Meetings with advisor:

Meetings between group members will be conducted on a weekly basis and arranged in a private *Microsoft Teams* group. These weekly meetings have the purpose to discuss the tasks that were achieved during the week and to discuss the upcoming tasks that need to be worked on for the next meeting. These meetings also serve as an opportunity to retrospect what went well and what can be improved.

Meetings with Prof. Babaei will be conducted on a biweekly basis and arranged on the arranged private *Microsoft Teams* group. These meetings will allow us to ask questions related to software practices or to receive advice from Prof. Babaei.

7) Project Requirements:

Technologies and Frameworks required:

1) *VSCode* – Software that can be acquired for free on the Visual Studio website, which is also required for other engineering courses.
2) *Flask* – Framework that can be acquired for free on the Flask website.

8) Project Abstract:

Dapper is a subscription-based application that delivers personalized outfits based on personal preference. The outfits proposed would be tailored by fashion stylists to the user's individual fashion preferences, current season, preferred colors, size, and subscription level. The outfits will be shipped to the user's residence every month and are picked up by the deliveryman the next month. The service provides users with the opportunity to experiment with various outfits and offers them the option to keep any items they like by purchasing them.

We believe that *Dapper* has the potential to transform the way people shop for fashion by offering customers to try new styles without having to spend an excessive amount of money on clothes that might not suit their preferences.

The expected outcome of this project is to apply the knowledge that was learned during our curriculum to develop a fully functioning web application. This project is also a great opportunity to learn the basics of launching a startup company and learn about marketing strategies, which are important lifelong learning skills that can be used in our future careers.