

# CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 98

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

## Introduction

The domain that we're going to be modeling is a buying, selling, and collection tracking platform, specifically for K-Pop merchandise. When K-Pop groups or artists release albums, the physical album often comes with inclusions, which include small pictures of the artists, which fans call "photocards", postcards, and posters. K-Pop fans then collect these inclusions, often focusing on a specific K-Pop group or idol.

This database then will focus on modelling, organizing, and storing all types of K-Pop merchandise for easy filtering. This includes information such as album names and versions, what type of inclusions each album has, and what groups or artists they belong to. Furthermore, using this, we will also model users' personal collections, including listing merchandise they already have and merchandise they are looking for. The other side of this application will take the form of a buy and sell model. We will be focusing on the ability to make and store "posts", in which users will list what type of inclusion or merchandise they are selling and at what price. Furthermore, users can make trade posts, in which the "price" is requesting another type of inclusion or merchandise.

The database will allow users to buy, trade, and sell K-Pop merchandise, while also keeping track of their own collection. This way, the application will be able to suggest sale or trade posts that are relevant to the user, while also preventing the user from acquiring duplicates of inclusions and merchandise.

This project will be done using the CPSC department's Oracle system, using Java and PHP.

# ER Diagram

