

## DATABASE PROJECT PROPOSAL

### Introduction:

For the database project, our group will create a database dedicated to the black market. Why the black market? Because the black market is very extensive with its 'products', and clients involved. It will be perfect to do a database project on since it has a lot of parts that includes different relationships with different users, and also the same thing with the products. The database will not be accurate to an actual Black Market database, but at least portrayal of how it works in the system.

### Description:

The data that will be included in a black market would be all the pricing, types, and who is selling the products. We will set up the database to efficiently sort products, and the back-end will have another database of users. The products would include substances (drugs, illegal contraband, chemicals etc.), weapons, exotics(rare animals, artifacts(fake/real), human organs etc.), and hitmen.

Operations being added to the website will be normal update, add, remove, query for the products. There will be different kinds of users in the platform which are distributors, clients (hitman), and admin. There will be an auction page where the clients have an ability to buy, sell, or auction the products provided by the website. Admin can control how the products will be sold, auctioned, created, and update to maintain the website.

### Proposal:

So our group wants to propose that we will create a functional web application that will be a typical eCommerce platform. It will obviously acts as a black market website to buy, sell, auction, or create new users to grow the platform. Our ERD and ERM is our draft to demonstrate how the database system would work with queries: