### **Project proposal**

The ultimate wish list

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### **A brief description of the objectives**

Throughout the year I see things I want to get for my close ones or things that I want to get for myself. What I miss is a place to gather it all and also type in where I can get them. The wishlist will allow users to create, manage, and track items they wish to purchase or receive. The project aligns well with keeping organized, such as planning for upcoming holidays, birthdays, or personal shopping. The software will primarily be used by me but also by my mom, why I also think of user friendliness in the GUI as it could be used by kids to retirees and all in between.

### **Attributes and Methods for Each Object**

**MainForm**

The MainForm will be primarily responsible for handling the display of users and opening forms for adding or viewing wishlists.

Methods: LoadUsers, AddUser, ViewWishlist and DeleteUser

**WishManager**

The WishManager class manages the Wisher object.

Attributes: Users.

Methods: AddWisher, GetWisher, DeleteWisher and GetAllUsers.

**Wisher**

The Wisher class is each user with a single wishlist.

Attributes: Wishlist.

Methods: GetWishlist, UpdateWishlist and UpdateDetailsWisher.

**Wishlist**

The Wishlist class manages a collection of Item objects (wishes) for a specific user/wisher.

Attributes: Items (List of Item objects).

Methods: AddItem, DeleteItem, GetItem, GetAllItems and UpdateItem.

**Item**

The Item class is an individual wish. Its methods are mainly for managing and updating the attributes of a single item.

Attributes: WishName, Description, Price and WhereToBuy. Methods:UpdateDetails.

**Time schedule**

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| My wishlist |  |  |  |  |  |  |  |  |  |  |  |
| Task | Week45 | Week 46 | Week 47 | Week 48 | Week 49 | Week 50 | Week 51 | Week 52 | Week 1 | Week 2 |  |
| Project proposal |  |  |  |  |  |  |  |  |  |  |  |
| Set up project |  |  |  |  |  |  |  |  |  |  |  |
| Design GUI |  |  |  |  |  |  |  |  |  |  |  |
| Do GUI in VS |  |  |  |  |  |  |  |  |  |  |  |
| Implement classes |  |  |  |  |  |  |  |  |  |  |  |
| Methods |  |  |  |  |  |  |  |  |  |  |  |
| Test |  |  |  |  |  |  |  |  |  |  |  |
| Deadline/submission |  |  |  |  |  |  |  |  |  |  |  |
| Eventual completion |  |  |  |  |  |  |  |  |  |  |  |
| Dodumentation |  |  |  |  |  |  |  |  |  |  |  |
| Assignment 5-6 |  |  |  |  |  |  |  |  |  |  |  |