

**CS102****Fall 2019/20**Project  
Group**G1**

Assistant:

**Mustafa Can Çavdar****~ ExToNext ~11/28/2019**

javangels

İlke KAŞ

Zeynep Büşra ZİYAGİL

Bilgehan AKCAN

Selahattin Cem ÖZTÜRK

Lara FENERCİOĞLU

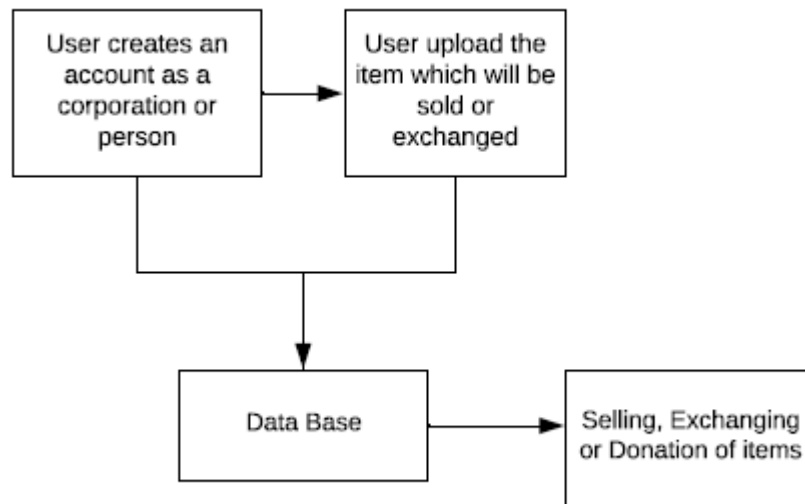
Umut Ege ÖZDEMİR

Criteria	TA/Grader	Instructor
Presentation		
Overall		

**Detailed Design Report****(version 1.0)****28 Kasım 2019****1. Introduction**

People want to close out their unnecessary items since they do not use them anymore. Also, people sometimes buy items they will not use in the future. Because of that there is a huge consumption problem. For that reason, to avoid unnecessary consumerism, there is a need for a social network program that will be a desktop application. This platform will enable people to exchange and/or sell their items. Moreover, this platform will also allow people to donate their items to needy people or foundations. Items will be added to the program by the users. According to the seller's wish, items can be exchanged with another item, can be sold or donated. Eventually, the platform will be available for all people who want to share their items. Hopefully, our social network platform will help a lot of people to find what they're looking for. On the following pages, there will be a diagram showing the basic organization of the application with a brief explanation and a UML class diagram about core model of the application.

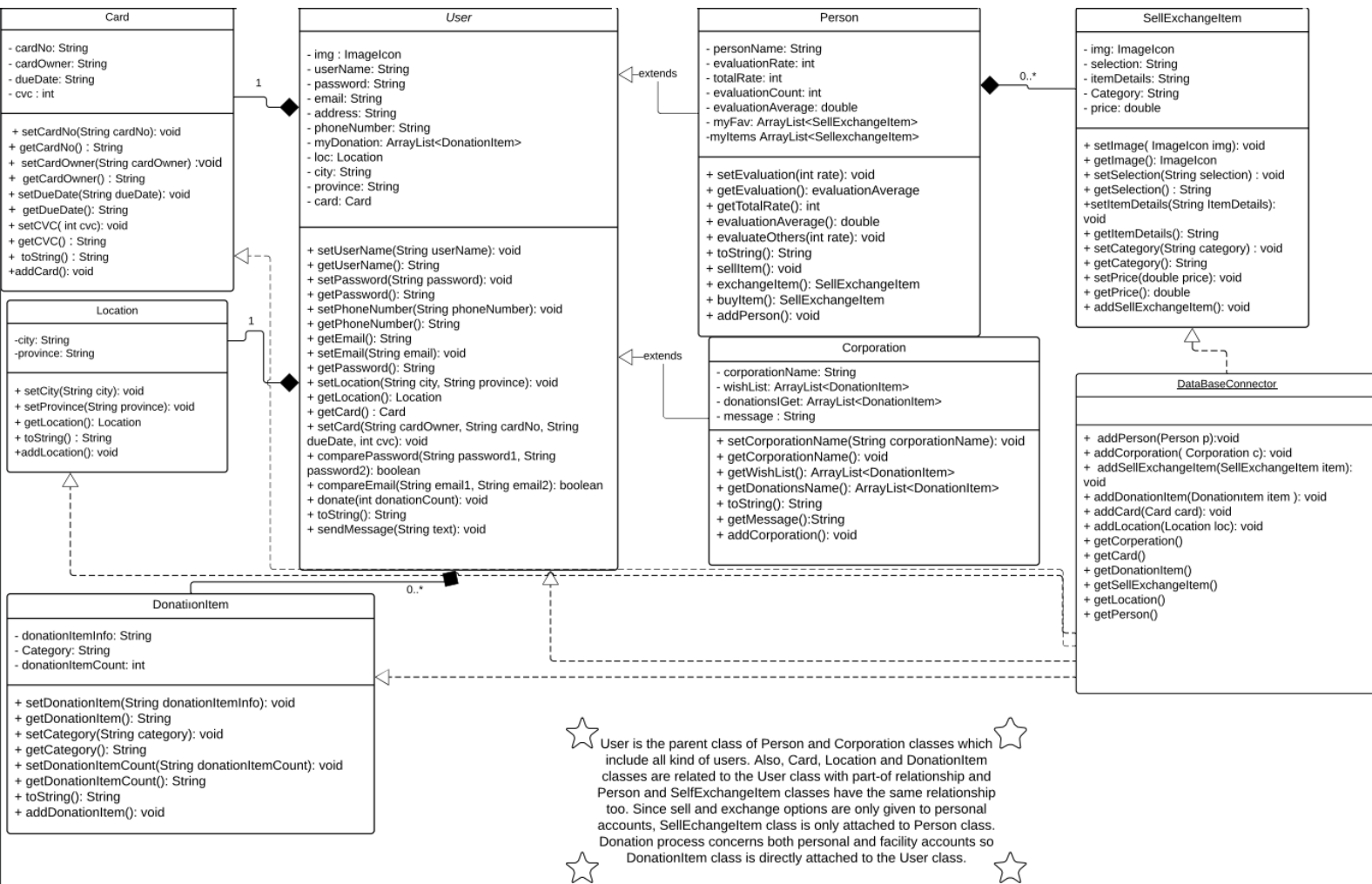
## 2. System Overview



ExToNext is a desktop application. Our program mostly uses javax.swing and java.awt packages in order to provide graphical user interface. Also, databases are used to ensure the persistent data.

Our program enables people to buy, sell or donate items through some buttons that call some specific actions. Above, there is a diagram which shows the basic organization of the project.

### 3. Core Design Details



### 4. Task Assignment

#### 4.1 İlke Kaş

- Will work on the UI Design
- Log In and Sign Up pages (UI Design)
- Corporation Account Main Page (UI Design)
- Personal Account Main Page (UI Design)
- Creating Wish List Page (UI Design)
- Corporation Account Information Page (UI Design)
- Personal Account Information Page (UI Design)
- Will create the Person class

- Will create the Corporation class
- Will work on DataBaseConnector

#### **4.2 Zeynep Büşra Ziyagil**

- Will work on UI Design
- Chats Page (UI Design)
- Resulting Items Page (UI Design)
- Detailed Page for Item (UI Design)
- Upload Item Page (UI Design)
- Will create the DonationItem class
- Will create the SellExchangeItem class
- Will work on DataBaseConnector

#### **4.3 Bilgehan Akcan**

- Will create the test classes
- Will create the Card class
- Will create the Location class
- Will work on the UI Design
- Resulting Donations Page (UI Design)
- Donated Item Page (UI Design)
- Will work on DataBaseConnector

#### **4.4 Selahattin Cem Öztürk**

- Will create the test classes
- Will create the DonationItem class
- Will create the SellExchangeItem class
- Will work on the UI Design
- Resulting Items Page (UI Design)
- Detailed Page for Item (UI Design)
- Upload Item Page (UI Design)
- Will work on DataBaseConnector

#### **4.5 Lara Fenercioğlu**

- Will work on the User class
- Will create the Person class
- Will create the Corporation class
- Will work on the UI Design
- Corporation Account Information Page (UI Design)
- Personal Account Information Page (UI Design)
- Will work on DataBaseConnector

#### **4.6 Umut Ege Özdemir**

- Will work on the UI Design
- Searching Page (UI Design)
- Resulting Donations Page (UI Design)
- Wish List Page (UI Design)
- Donated Item Page (UI Design)
- Evaluation Page (UI Design)
- Will work on DataBaseConnector