



## **BSc (Hons) in Information Technology – Year 1**

**Semester 2**

### **IT1050 - Object Oriented Concepts**

- Topic : **Online Music, Films & Games Store**
- Group no : **KDY\_02**
- Campus : **Kandy**
- Submission Date: **17th May 2022**
  
- We declare that this is our own work, and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

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## **Online Music, Films & Games Store**

- A customer must first register in an online music, movies, and games store, providing information such as name, address, customer ID, password, email, and date of birth.
- A user must login to an online music, film, and game store, providing information such as user type, name, customer ID, and password.
- The online store administrator and registered customers can add/delete new music, films, and games to the store.
- The online store manager replied to the customer's feedback.
- A customer can send feedback, including name, subject, and email.
- An unregistered customer can search for products from an online store, but they cannot download products.
- A customer can place an order from an online store. An order consists of multiple products and a display quantity of products.
- A customer can see products' names, products' year, products' rate, products' ID, products' artist,
- The customer specifies a payment method for each order. (E.g. credit cards, debit cards, PayPal)
- Once the customer confirms the order and the payment is validated, the order is placed and the items are updated.

### **Identified classes**

- Register customer class
- Unregister customer class
- Products class
- Order class
- Feedback class
- Payment class
- User class

## CRC cards

Register customer class	
responsibility	Collaboration
Register details	
Search products	Products
Add/delete products	Products
Download products	Products

Unregister customer class	
responsibility	Collaboration
Can search products	products

Products class	
responsibility	Collaboration
Add products	
Update products	

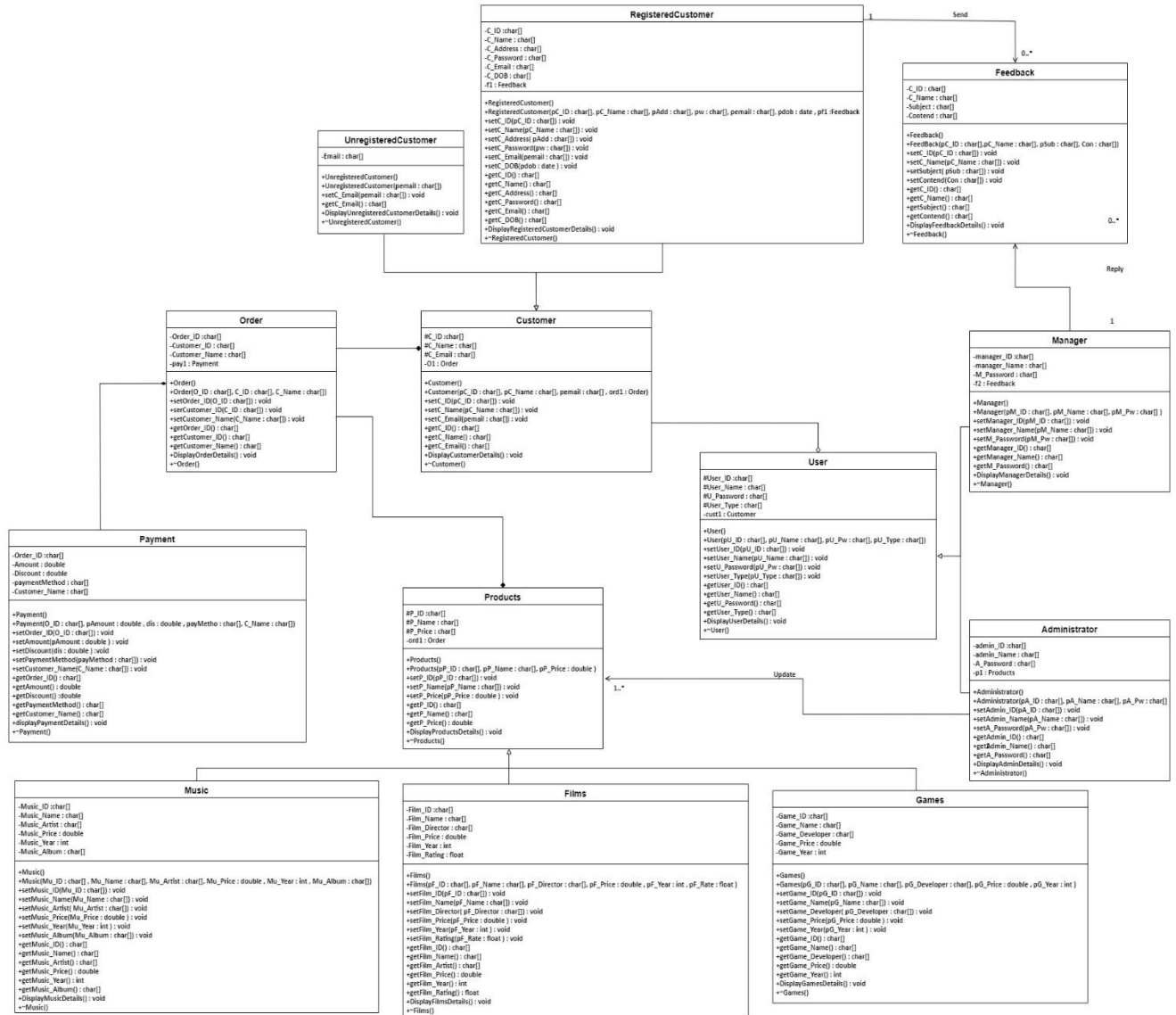
Order class	
responsibility	Collaboration
Place order	payment  products
Status of order	
Confirm order	
Add quantity	

Feedback class	
responsibility	Collaboration
Add subject	Customer  user
Send feedback	
Reply feedback	

Payment class	
responsibility	Collaboration
Payment methods	
Store Payment details	
validation	

User class	
responsibility	Collaboration
Login details	

# Class Diagram



## **Individual Contribution**

**KDY\_02**

	<b>Student ID</b>	<b>Student Name</b>	<b>Individual Contribution</b>
1	IT21262890	Uyangoda U.M.V.B.	<ul style="list-style-type: none"><li>• Products class.</li><li>• Film class.</li><li>• Music class.</li><li>• Games class.</li></ul>
2	IT21352294	Jayawardhana J.R.K.B.	<ul style="list-style-type: none"><li>• User class.</li><li>• Manager class.</li><li>• Administrator class.</li></ul>
3	IT21299766	Dharmarathna T.N.D.	<ul style="list-style-type: none"><li>• Order class.</li><li>• Payment class.</li></ul>
4	IT21374906	Samarathunga K.B.	<ul style="list-style-type: none"><li>• Feedback class.</li></ul>
5	IT21252990	Jayathilaka A.G.K.D.	<ul style="list-style-type: none"><li>• Customer class.</li><li>• Registered customer class</li><li>• Unregistered customer class</li></ul>