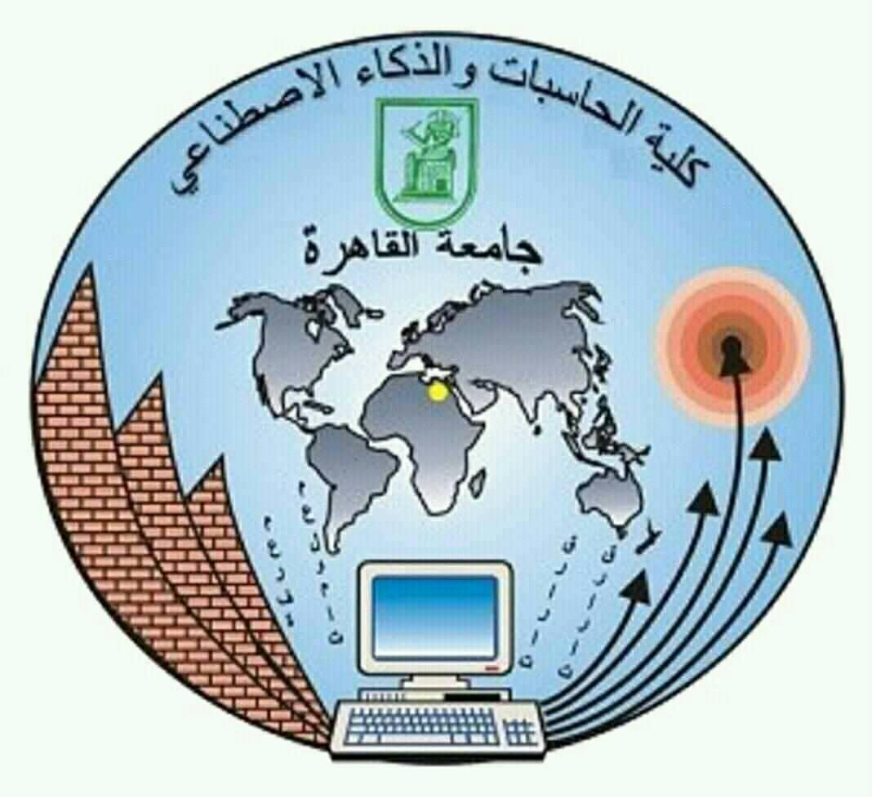
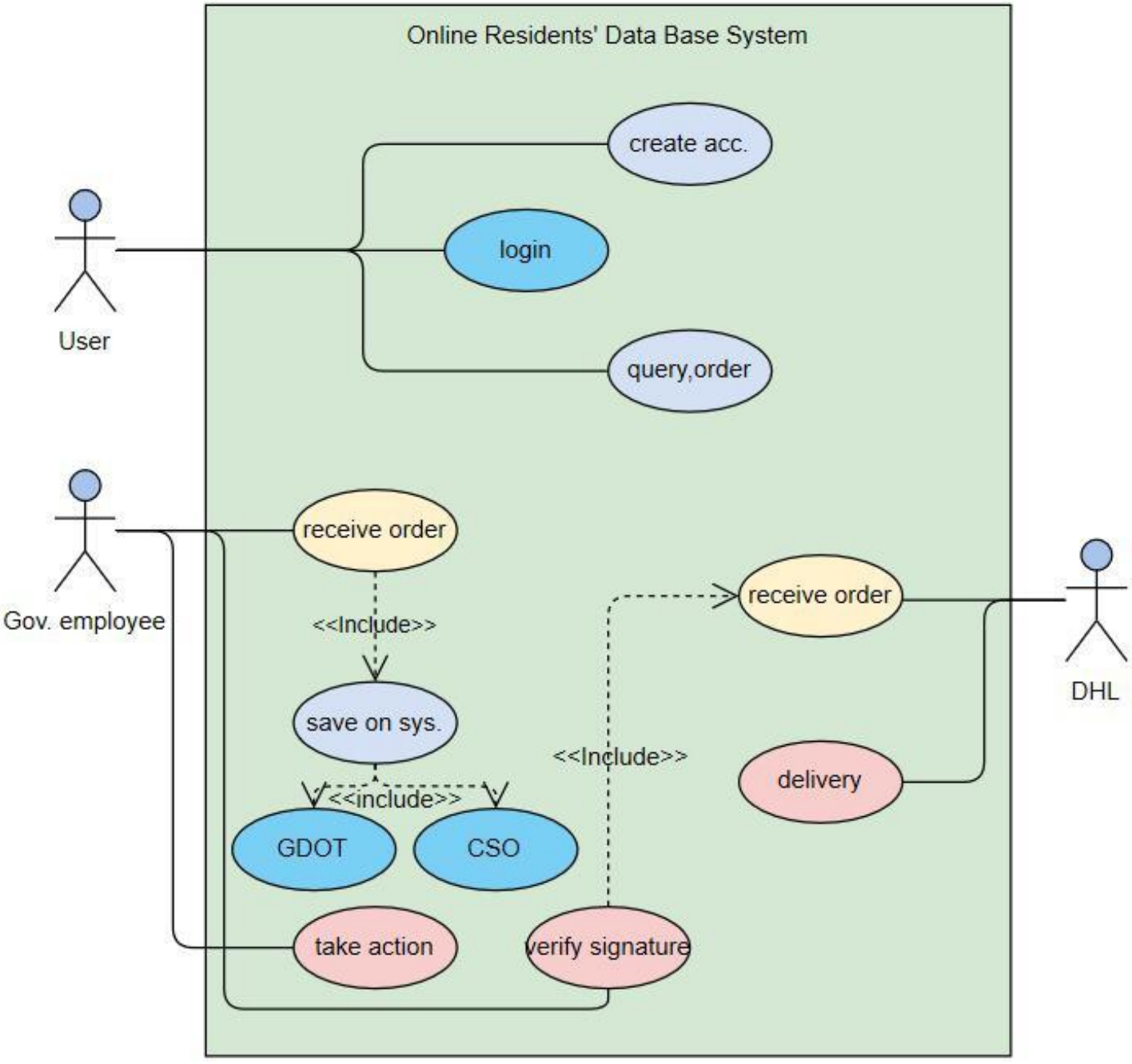


Online Residents' Information Database System

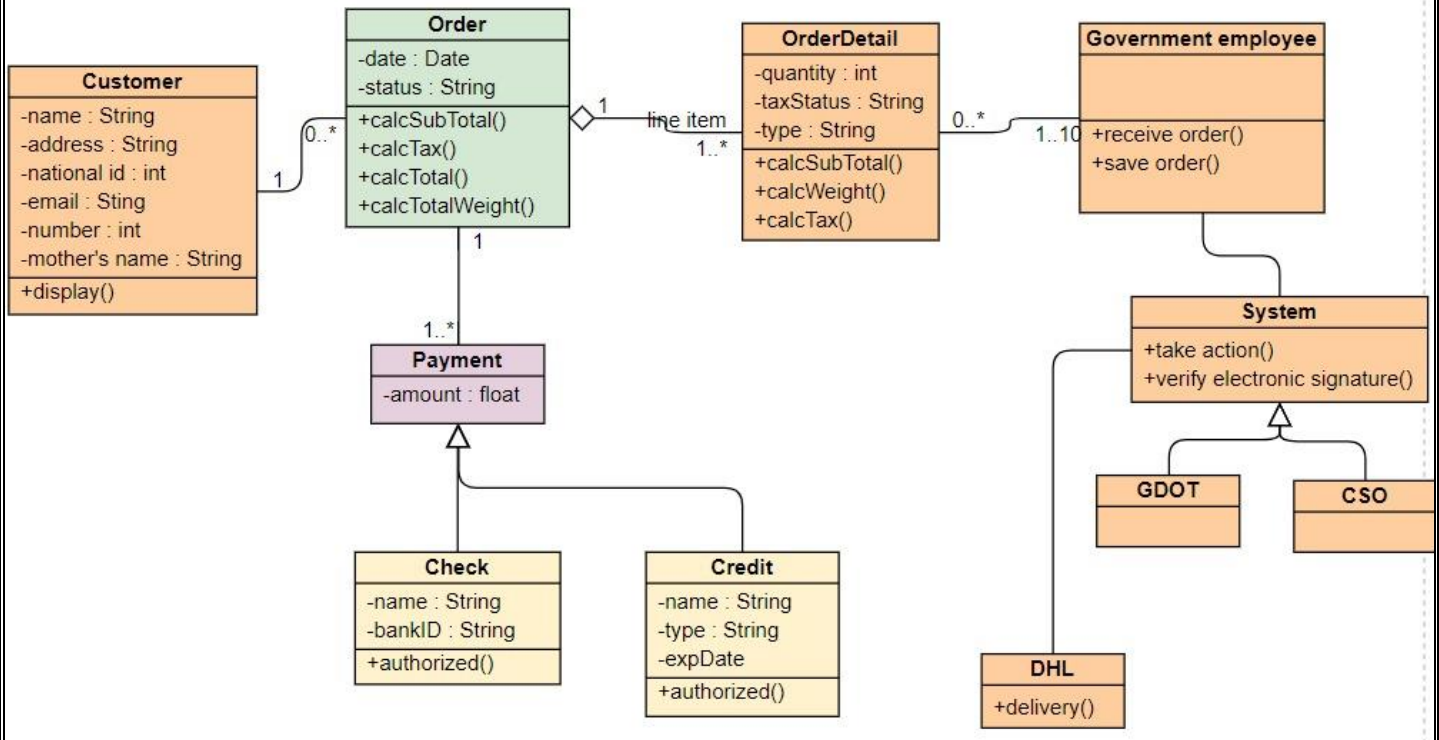
System Requirements Specification

#	Name	ID	Group
1	Nardine Youhanna Adib	20186045	2
2	Mustafa Bkhet Thabet	20186030	2
3	Mark Rofaeel Gorgy	20186043	2

1. Use Case Diagram:



2. Class Diagram:



3. Use Case Table:

Use case name	Use website or the application.
Participating actors	Initiated by the end user.
Flow of events	• User shall enter all private information needed to sign up.
Entry conditions	Username and password to use the service.
Exit condition	If the user doesn't have account on the database.

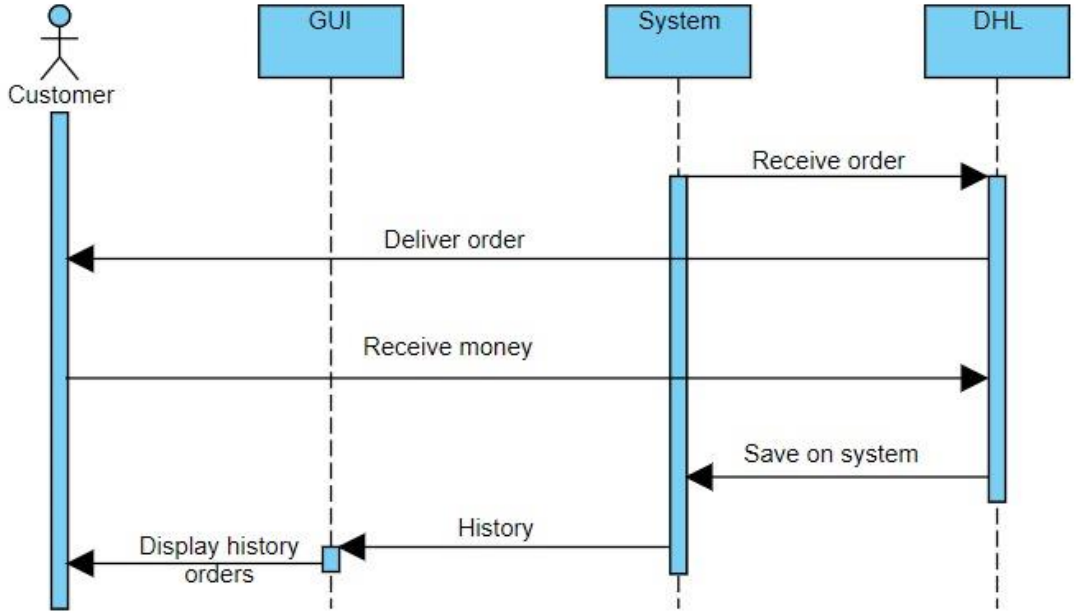
Use case name	Query and order.
Participating actors	Initiated by the end user. Communicates with the government employee.
Flow of events	• User shall select any document from a variety of documents that can be extracted and the number of copies. • User shall enter fully detailed receiving address. • After ordering, the program shall pop up a message informing the user with the cost and time (processing and shipping).
Entry conditions	At least one document per order.
Exit condition	If the user shall go by himself, the program will pop up a message telling him to do so addressing him with the steps.

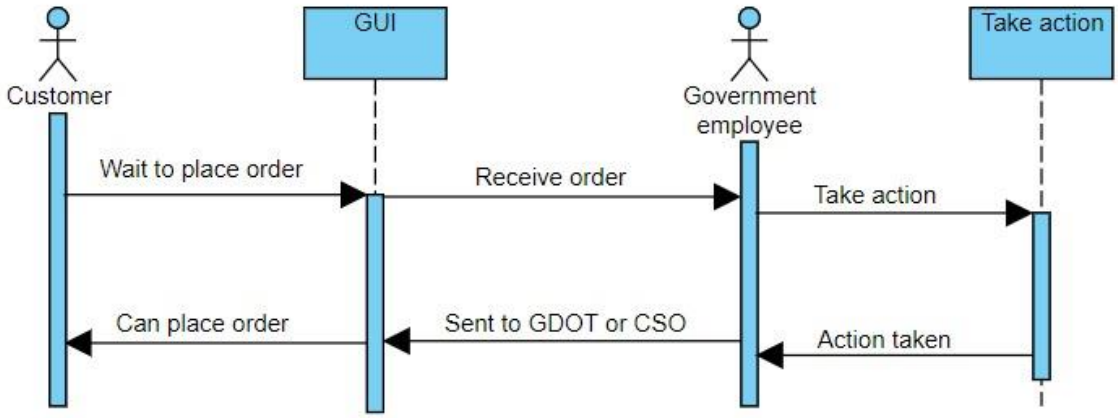
Use case name	Receive order from the end user.
Participating actors	Initiated by the government employee.
Flow of events	• The employee receives the order of the end user and then saves it on system. • The order is then placed to the GDOT or CSO upon the type of paper.
Entry conditions	The user placed an order.
Exit condition	If no orders are placed.

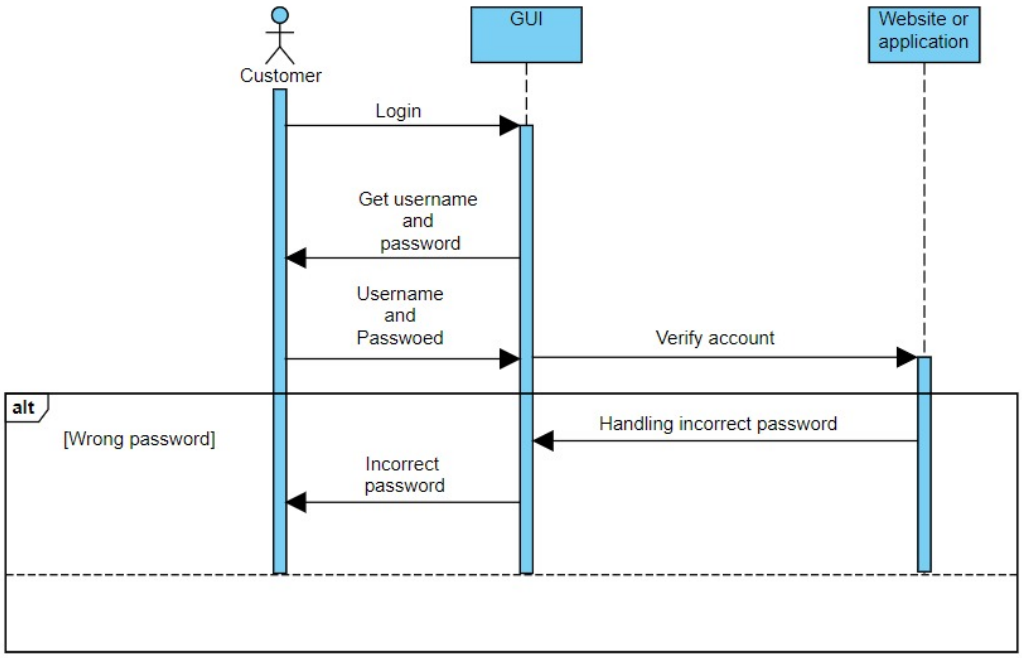
Use case name	Take action.
Participating actors	Initiated by the government employee.
Flow of events	Receive the order and then examine exactly what paper and how many is needed.
Entry conditions	The user placed an order.
Exit condition	If no orders are placed.

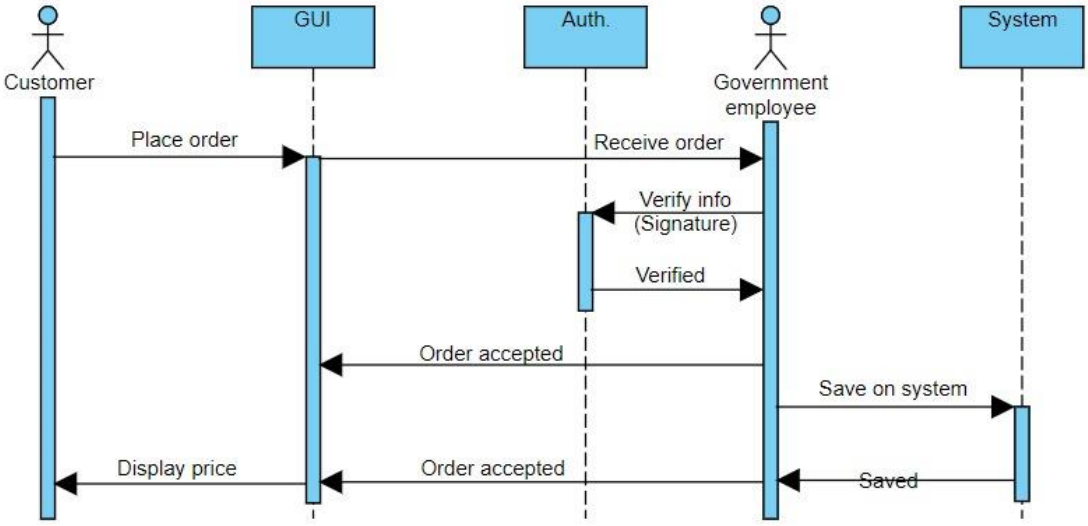
Use case name	Delivery (equipment).
Participating actors	Initiated by the DHL. Communicates with the end user.
Flow of events	The extracted papers -order- are delivered to the end user.
Entry conditions	The user placed an order and have chosen to pay using visa or cash on door.
Exit condition	If no orders are placed.

4. Sequence diagrams:






Customer
GUI
Website or application
Login
Get username and password
Username and Passwoed
Verify account
alt
[Wrong password]
Handling incorrect password
Incorrect password


Customer
GUI
Auth.
Government employee
System
Place order
Receive order
Verify info (Signature)
Verified
Order accepted
Save on system
Display price
Order accepted
Saved