Login ->

data fields  
-----------------  
email(String), password(String), user type(Enum[‘donor’, ‘courier’, ‘receiver’, ‘admin’])

Methods/Functions  
-----------------  
login()

Register ->

data fields  
-----------------  
email(String), password(String), user type(Enum[‘donor’, ‘courier’, ‘receiver’, ‘admin’]), bio(String), address (String)

Methods/Functions  
-----------------  
register()

Profile ->

data fields  
-----------------  
email(String), password(String), user type(Enum[‘donor’, ‘courier’, ‘receiver’, ‘admin’]), bio(String), address (String),

Methods/Functions  
-----------------  
fetch\_user\_data(), set\_activity\_status(), set\_bio(), set\_address()

Offers ->

data fields  
-----------------  
donor\_name(String), package\_title(String), package\_description(String), weight(Double), donor\_address (String), time\_from(DateTime), time\_to(DateTime), item\_array(Item[])

Methods/Functions  
-----------------  
get\_package\_data(), get\_items\_data(), select\_package()

Offer Up Package ->

data fields  
-----------------  
donor\_name(String), package\_title(String), package\_description(String), weight(Double), donor\_address (String), time\_from(DateTime), time\_to(DateTime), item\_array(Item[])

Methods/Functions  
-----------------  
post\_package\_data(), post\_items\_data(), add\_item\_to\_package(), list\_package(),

Item ->

data fields  
-----------------  
item\_name(String), item\_description(String), weight(Double), allergens(String),

Methods/Functions  
-----------------  
set\_item\_fields(),

Important relations:

Item -> belongs to a -> Package

[Think about other relations]  
@Christus – add the other relations you have in mind

DO To:  
May add classes for the user types as is in the examples on the supplementary documents.  
!important! Think about the relations and the connections between classes