

Final Exam 2009 Sol.

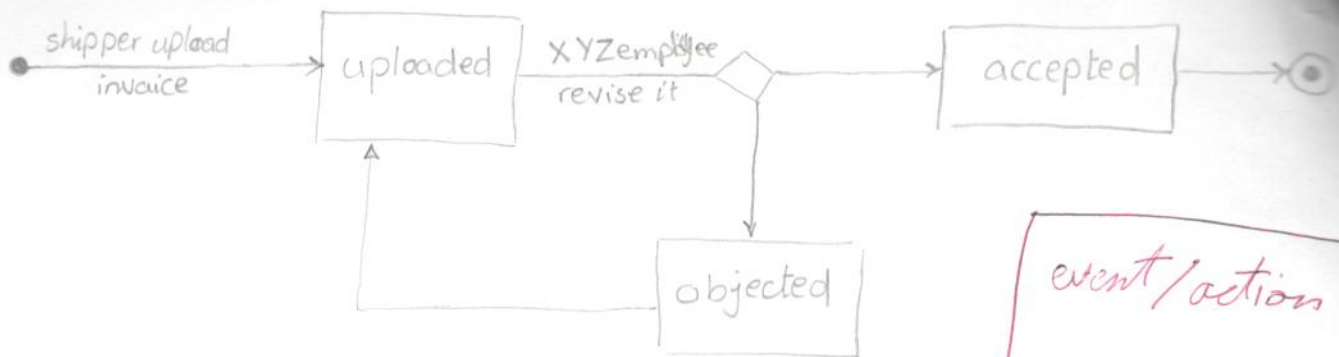
Group Members: (10) Ahmed Tarek El-Gamal
(20) Hazem Samir Sid Ahmed
Shady
Mahmoud Abd El-Latif

C

Question (1):



Question (2):



interface InvoiceState {

}
It is required to
have state design Pattern as
well not just State Diagram

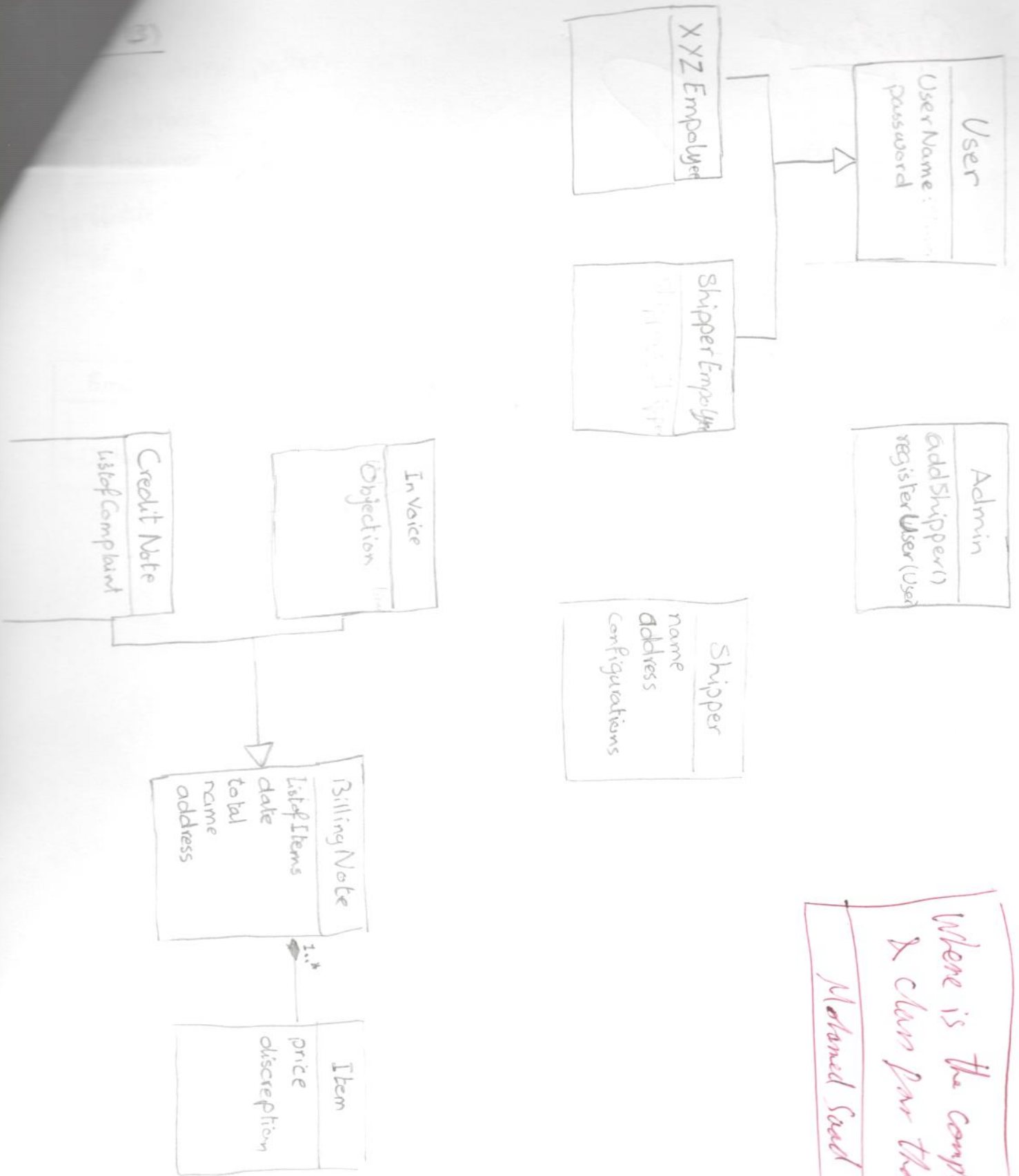
Mohamed Saad

event/action

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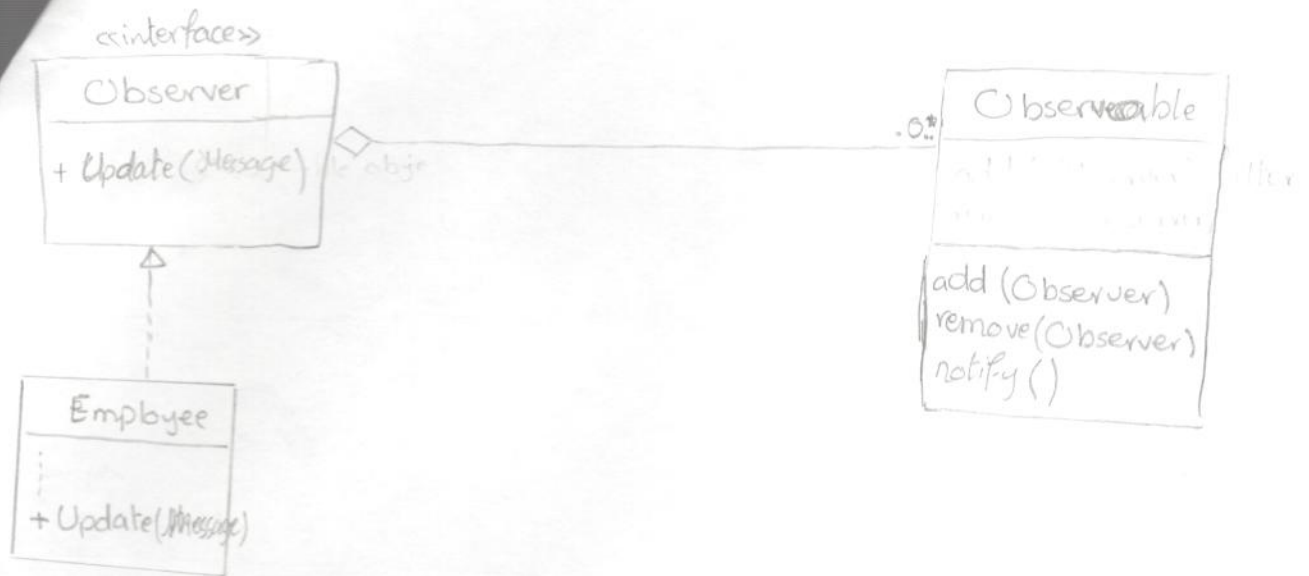
Where is the complaint objects
 & class for that

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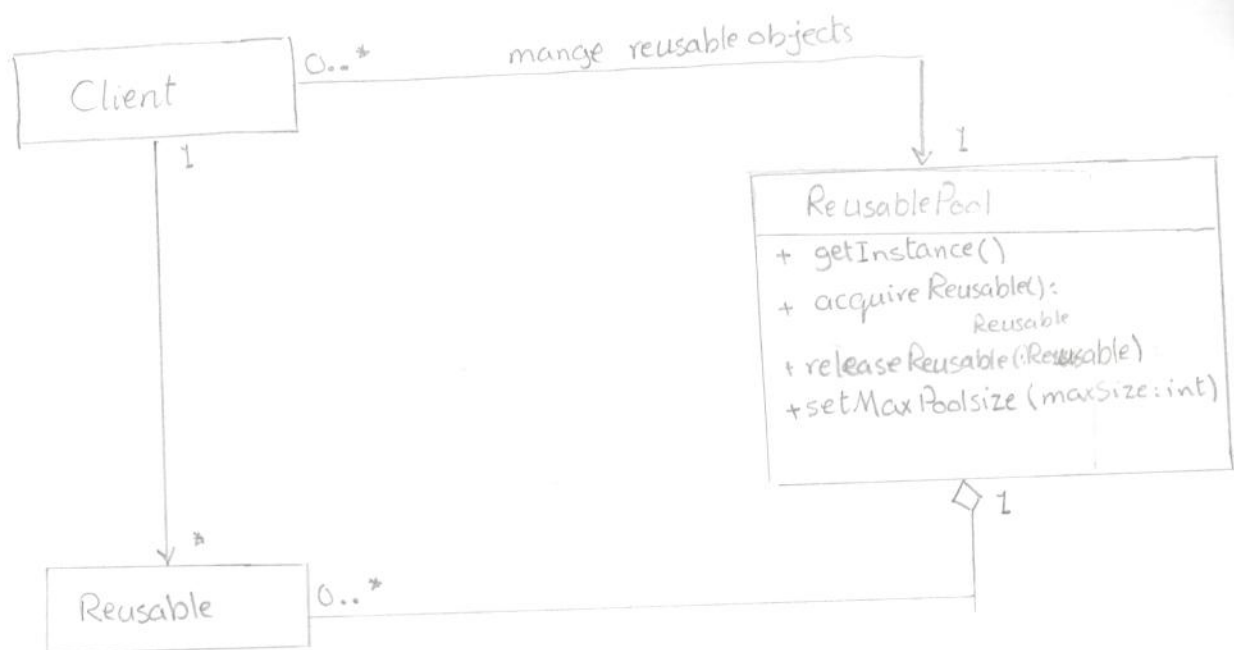
(5)

Observer design pattern and Filter design pattern



Question (6):

(a) object pool:



(b) pull Filter

