

# Assinment36

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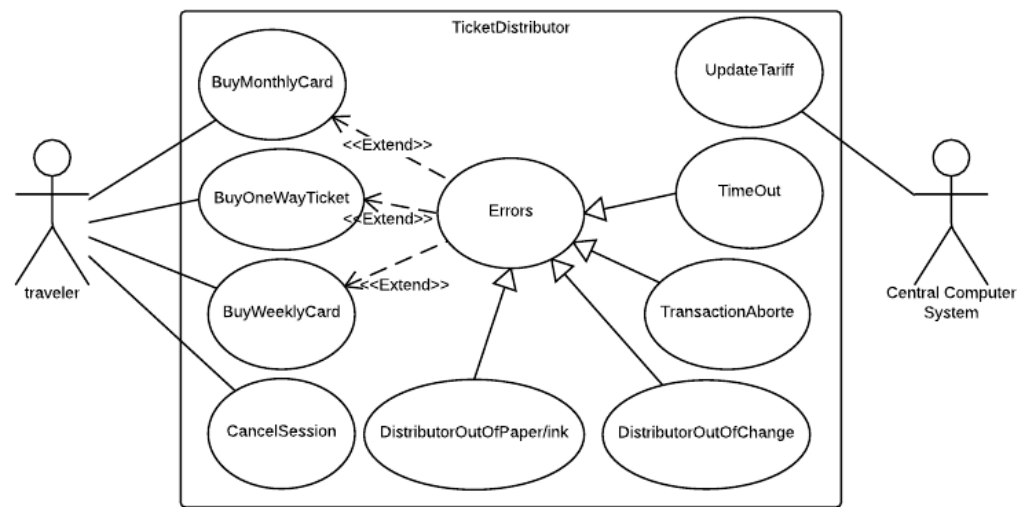


Figure 1: A UML use case diagram for TicketDistributor, describing the functionality of a ticket distributor. The actor *traveler* can chose between 3 differen Ticket types (with **BuyMonthlyCard**, **BuyOneWayTicket** and **BuyWeeklyCard** use cases) and cancel his progras at any point(with **CancelSession** use case). But only the *Central Computer System* actor can update the tickets (with the **UpdateTariff** use case). All the Ticket type use cases Extends the **Errors** use case because thay have to test for the different errors to make sure the session is successful.

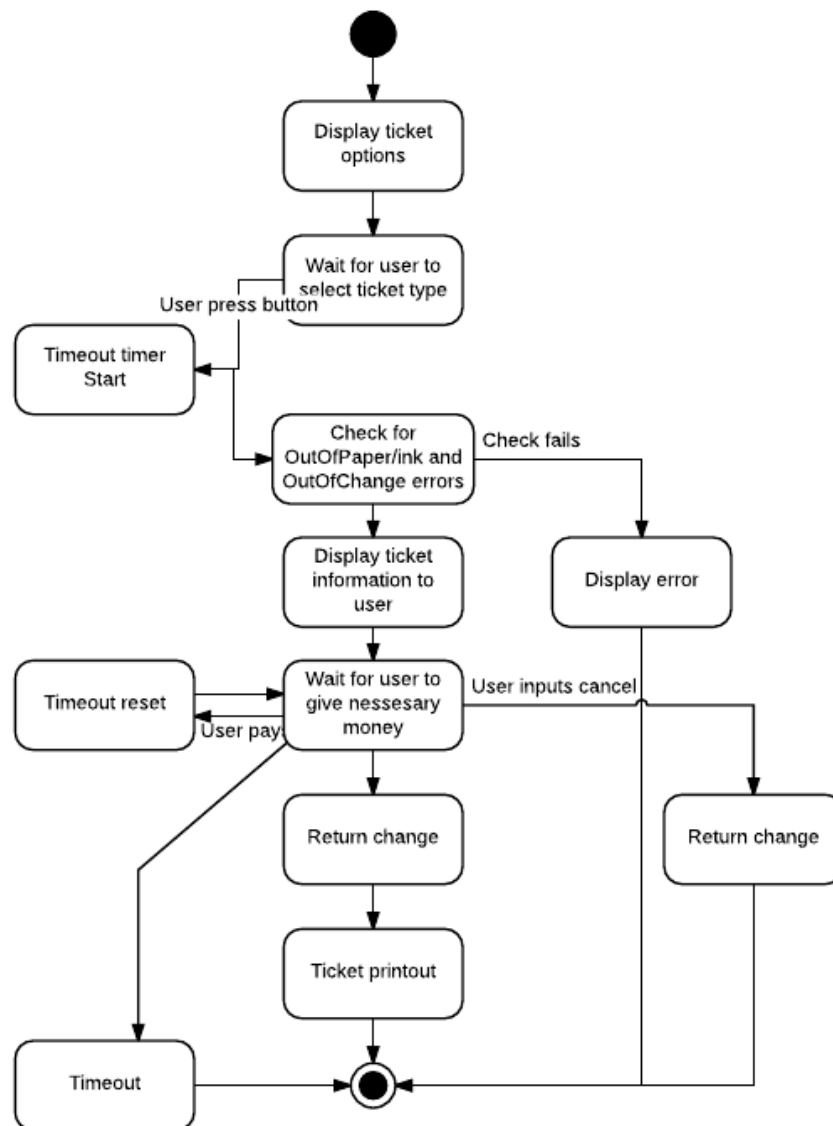


Figure 2: A UML activity diagram for TicketDistributor.

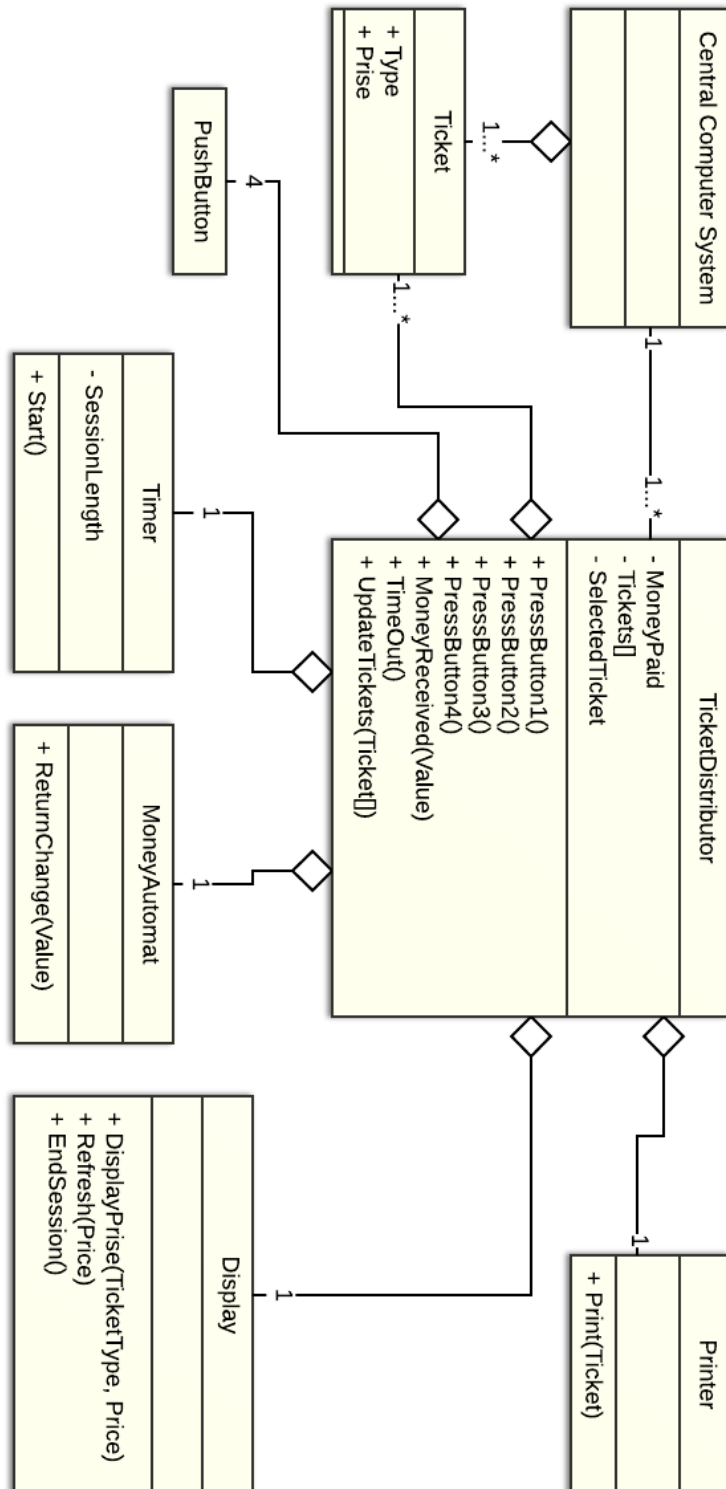


Figure 3: A UML class diagram for TicketDistributor.

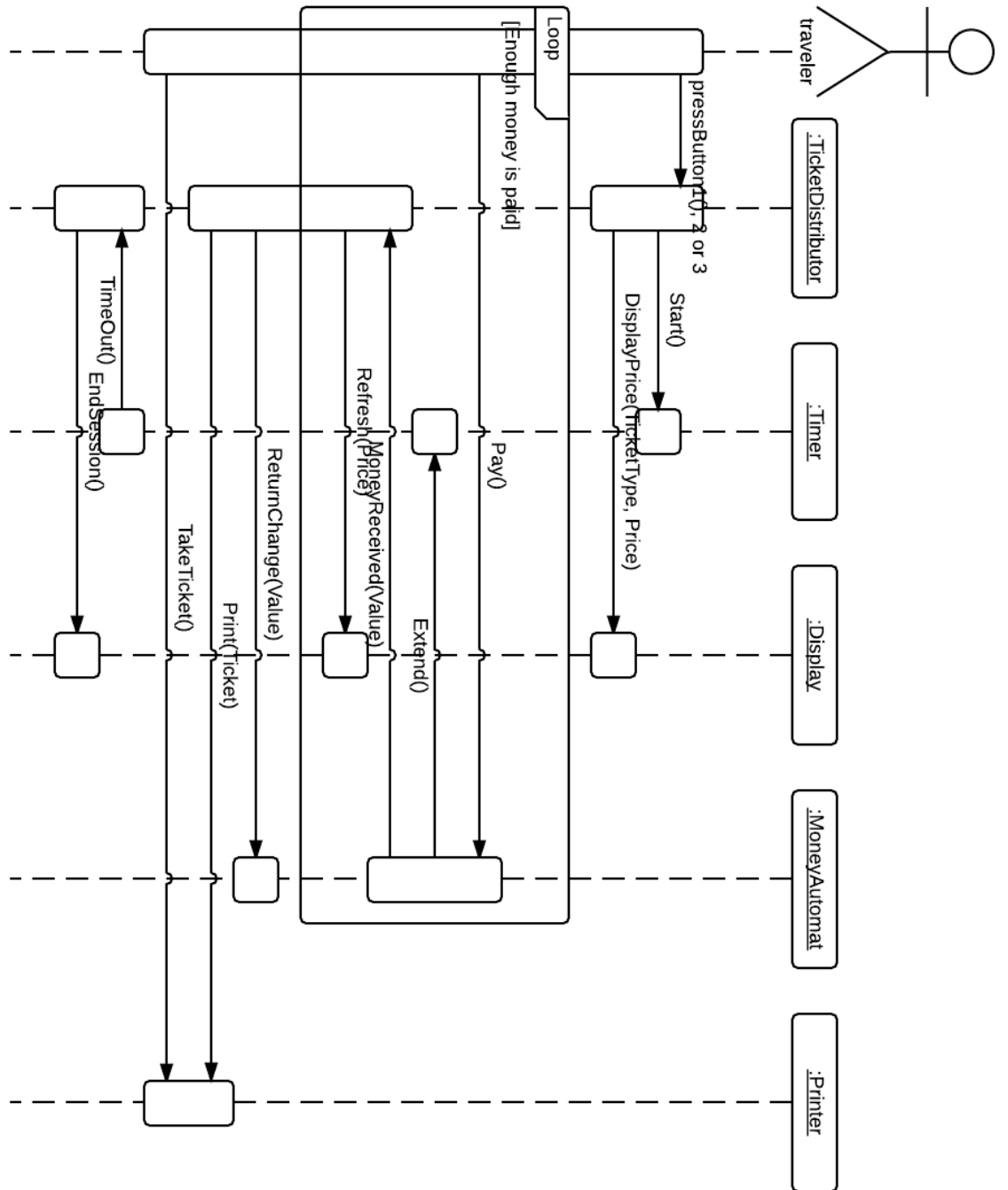


Figure 4: A UML sequence diagram for the use cases BuyMonthlyCard, Buy-OneWayTicket and BuyWeeklyCard, seen in Figure 1.