**Use case name:** BuyTicket

**Participating actors:**

* Initiated by **Traveler**
* Communicates with **CentralComputerSystem**

**Flow of events:**

1. **Traveler** initiates **BuyOneWayTicket, BuyWeeklyCard or BuyMonthlyCard**.
2. **Traveler** pays for the ticket.
   1. **(Exceptional case) Timeout: Traveler** took too long to insert the right amount of money. **TicketDistributor** has to abort.
   2. **(Exceptional case) TransactionAborted: Traveler** selected the cancel button without completing the transaction.
   3. **(Exceptional case) DistributorOutOfChange: TicketDistributor** is out of change, and can therefore not give back change to the **Traveler,** and has to abort.
   4. **(Exceptional case) DistributorOutOfPaper: TicketDistributor** is out of paper, and can therefore not print out the ticket for the **Traveler,** and has to abort.
3. **UpdateTariff** is initiated, and the database is being updated.

**Entry condition: Traveler** interacts with the **TicketDistributor.**

**Exit condition:**

* **Traveler** has received the ticket and change (if any).
* **Traveler** has initiated **TransactionAborted** OR **Timeout.**
* **TicketDistributor** has initiated **DistributorOutOfChange** OR **DistributorOutOfPaper.**

**Quality Requirements:**