# Use Case: Customer CRU

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| Use Case name | **Customer CRU** | |
| Actors | User | |
| Pre-conditions | User has inputted all required data | |
| Post-conditions | A customer has been created; Customers have been listed; User has been edited; User has been deleted. | |
| Frequency | Approx. 30 requests/week | |
| Flow of events | **Actor** | **System** |
| **Create:** | |
| 1. The user chooses the option to register as a new customer. | 2. The system presents a form for customer information. |
| 3. The user inputs all required information about customer. |  |
| 4. The user confirms customer creation. | 5. The system reads information from the form and persists a new customer. |
| **Retrieve:** | |
| 1. The user chooses the option to log in the system. | 2. The system presents a form with a field for the user to input his phone number. |
| 3. The customer inputs his phone number. | 4. The system validates the number and displays the customer’s data. |
| **Update:** | |
| 1. The user chooses the option to edit the customer. | 2. The system presents a form for customer editing. All the information about the customer is taken from the persistence. |
| 3. The user edits customer information. |  |
| 4. The user confirms customer editing. | 5. The system reads information from the form and looks up the customer in the persistence, after which the respective values are updated. |