**Use Case UC1: Manage Customer**

**Scope:** Gas Agency Management Systems

**Level:** user Goal

**Primary Actor:** Admin

**Stakeholders and Interests:**

* Admin: Wants accurate user details, fast entry and no user management error
* Customer: Wants his/her details added accurately, easily update details, wants correct customer ID
* Company: Want to accurately keep data records, get reports of individual/all customers
* Super admin: Wants to able to quickly perform override operations, and easily debug admin problem

**Preconditions:** Admin is verified user and logged into the system

**Success Guarantee (or PostConditions):** Customer details are added/updated. Customer can book sale request. Super admin able to see details of the customer.

**Main Success Scenario (or Basic Flow):**

1. Customer arrives at gas agency to add/update details.
2. Admin checks whether customer is existing user is not.
3. Admin adds details of customer if customer is new or update details in case of existing customer.
4. Customer details should be added/updated accurately.
5. System logs complete record if customer.
6. System generates customerID.
7. Customer leaves with customerID for further use.

**Extensions (or Alternate Flows):**

2a.Invalid user details

1. Admin asks customer to provide valid details
2. Admin re-enter details.

6a. System faces issue while generating customerID

1. Admin approaches to super admin for error signal.
2. Super admin identifies the issue and generates the customerID.

\*a. At any time system fails

1. Admin restarts the system ,log in and requests the recovery of prior state
2. System reconstructs the prior state  
      2a. Admin starts entering customer details again

\*b. At any time Super Admin requests an override operation

1. System enters super admin authorized mode

2. Admin or super admin performs super admin-mode operation e.g. generate Sales report, generate delivery report