# Business Rule Specifications

## Rule Information

| Feature | Value |

|-------------------|---------------------------|

| Rule Statement | A rug can only be removed from database if it has not been rented or sold |

| Constraint | once trialed or sold still in database |

| Type | [X ] Database Oriented |

| | [ ] Application Oriented |

| | |

| Category | [ ] Field Specific |

| | [ X] Relationship Specific |

| | |

| Test On | [ ] Insert |

| | [X ] Delete |

| | [ ] Update |

## Structures Affected

| Feature | Value |

|-------------------|---------------------------|

| Field Names | |

| Table Names | |

## Field Elements Affected

Mark each element which is affected by this rule.

### Physical Elements

- [ ] Data Type

- [ ] Length

- [ ] Character Support

### Logical Elements

- [ ] Key Type

- [ ] Key Structure

- [X ] Uniqueness

- [X ] Null Support

- [ ] Values Entered By

- [ ] Range of Values

- [ ] Edit Rule

## Relationship Characteristics Affected

- [X ] Deletion rule

- [ ] Type of participation

- [ ] Degree of participation

## Action Taken

List changes made to database structure or application in order to implement this rule.

None

## Notes

# Business Rule Specifications

## Rule Information

| Feature | Value |

|-------------------|---------------------------|

| Rule Statement | Customer never removed from database except for privacy concerns |

| Constraint | Customer Privacy = 0 -> Still IN DB |

| Type | [ X] Database Oriented |

| | [ ] Application Oriented |

| | |

| Category | [ ] Field Specific |

| | [X ] Relationship Specific |

| | |

| Test On | [ ] Insert |

| | [ ] Delete |

| | [X ] Update |

## Structures Affected

| Feature | Value |

|-------------------|---------------------------|

| Field Names | |

| Table Names | |

## Field Elements Affected

Mark each element which is affected by this rule.

### Physical Elements

- [ ] Data Type

- [ ] Length

- [ ] Character Support

### Logical Elements

- [ ] Key Type

- [ ] Key Structure

- [ ] Uniqueness

- [ ] Null Support

- [ ] Values Entered By

- [ ] Range of Values

- [ ] Edit Rule

## Relationship Characteristics Affected

- [X ] Deletion rule

- [ ] Type of participation

- [ ] Degree of participation

## Action Taken

List changes made to database structure or application in order to implement this rule.

Add way for customer to complain and be removed

## Notes

# Business Rule Specifications

## Rule Information

| Feature | Value |

|-------------------|---------------------------|

| Rule Statement | The Reservations cannot overlap |

| Constraint | Res1 Start -> End != Res2 Start -> End |

| Type | [ X] Database Oriented |

| | [ ] Application Oriented |

| | |

| Category | [ ] Field Specific |

| | [ X] Relationship Specific |

| | |

| Test On | [ X] Insert |

| | [ ] Delete |

| | [ X] Update |

## Structures Affected

| Feature | Value |

|-------------------|---------------------------|

| Field Names | Trial\_dateStart, Trial\_dateEnd |

| Table Names | Trials |

## Field Elements Affected

Mark each element which is affected by this rule.

### Physical Elements

- [ ] Data Type

- [ ] Length

- [ ] Character Support

### Logical Elements

- [ ] Key Type

- [ ] Key Structure

- [ ] Uniqueness

- [X ] Null Support

- [ ] Values Entered By

- [ ] Range of Values

- [ ] Edit Rule

## Relationship Characteristics Affected

- [ ] Deletion rule

- [ ] Type of participation

- [ ] Degree of participation

## Action Taken

List changes made to database structure or application in order to implement this rule.

There needs to be a way to check the times, which is already possible

## Notes

# Business Rule Specifications

## Rule Information

| Feature | Value |

|-------------------|---------------------------|

| Rule Statement | Rug Never sold at a loss, unless in inventory for two years |

| Constraint | Sale Price > Purchase Price, Purchase Date to Present Date > 2 years |

| Type | [X ] Database Oriented |

| | [ ] Application Oriented |

| | |

| Category | [ X] Field Specific |

| | [ ] Relationship Specific |

| | |

| Test On | [ ] Insert |

| | [ ] Delete |

| | [X ] Update |

## Structures Affected

| Feature | Value |

|-------------------|---------------------------|

| Field Names | Date\_sold, Date Bought |

| Table Names | Rugs, Sales |

## Field Elements Affected

Mark each element which is affected by this rule.

### Physical Elements

- [ ] Data Type

- [ ] Length

- [ ] Character Support

### Logical Elements

- [ ] Key Type

- [ ] Key Structure

- [ ] Uniqueness

- [ ] Null Support

- [ ] Values Entered By

- [ ] Range of Values

- [ ] Edit Rule

## Relationship Characteristics Affected

- [ ] Deletion rule

- [ X] Type of participation

- [ ] Degree of participation

## Action Taken

List changes made to database structure or application in order to implement this rule.

## Notes

# Business Rule Specifications

## Rule Information

| Feature | Value |

|-------------------|---------------------------|

| Rule Statement | No Two Customers can have the same number |

| Constraint | Number1 != Number2 |

| Type | [X ] Database Oriented |

| | [ ] Application Oriented |

| | |

| Category | [ X] Field Specific |

| | [ ] Relationship Specific |

| | |

| Test On | [ X] Insert |

| | [ ] Delete |

| | [ X] Update |

## Structures Affected

| Feature | Value |

|-------------------|---------------------------|

| Field Names | Cust\_number |

| Table Names | Customers |

## Field Elements Affected

Mark each element which is affected by this rule.

### Physical Elements

- [ ] Data Type

- [ ] Length

- [ ] Character Support

### Logical Elements

- [ ] Key Type

- [ ] Key Structure

- [ ] Uniqueness

- [ ] Null Support

- [ ] Values Entered By

- [ ] Range of Values

- [ ] Edit Rule

## Relationship Characteristics Affected

- [ ] Deletion rule

- [ ] Type of participation

- [ ] Degree of participation

## Action Taken

List changes made to database structure or application in order to implement this rule.

Comparison of phone numbers when inserted, which is already possible since they are already stored.

## Notes