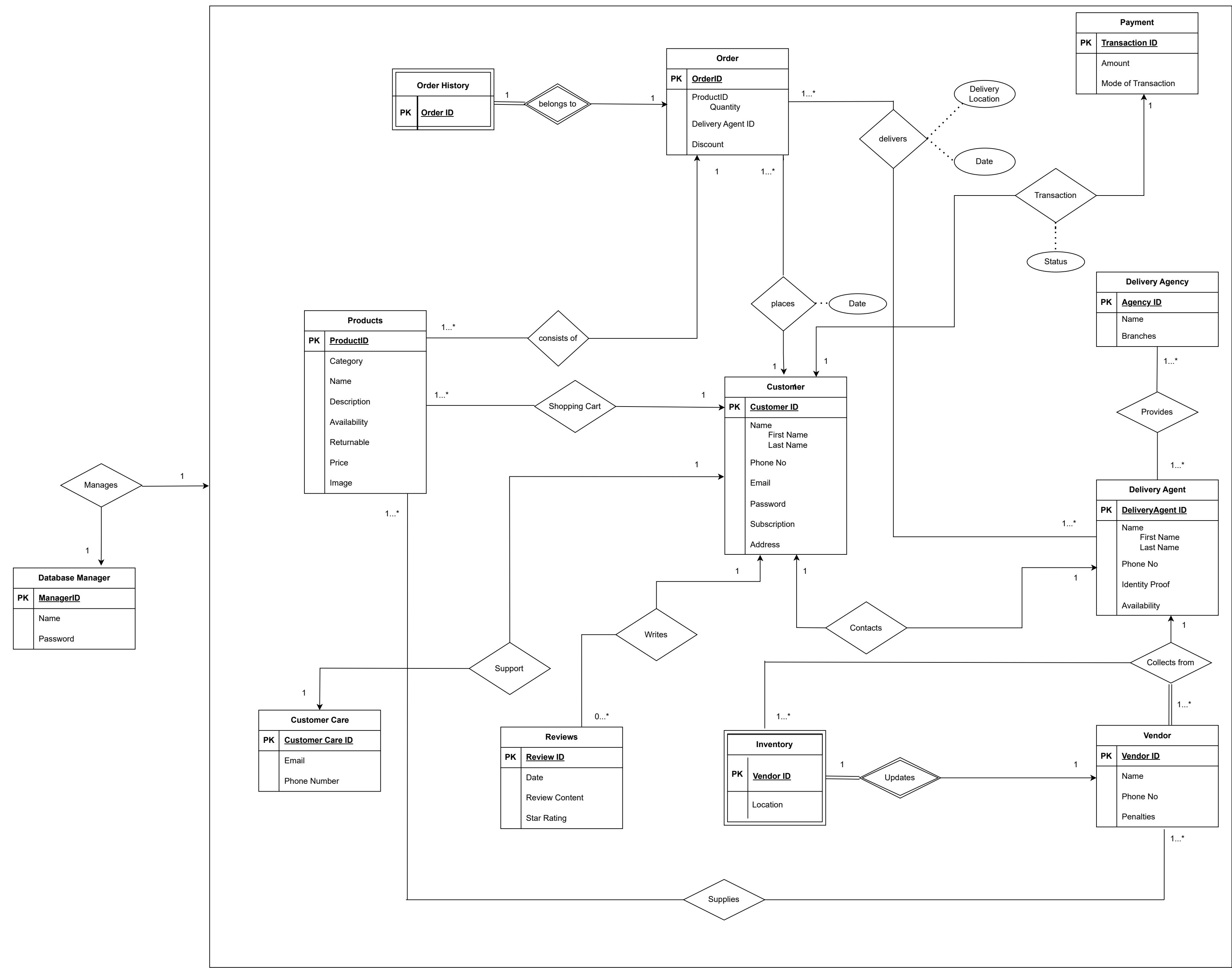


ENTITY RELATION DIAGRAM



RELATIONSHIP MODEL

ENTITIES

Database Manager

| | | |
|------------|------|----------|
| Manager ID | Name | Password |
|------------|------|----------|

Product

| | | | | | | | | | | |
|------------|-----------|----------|-------------|-------------|--------------|------|-------|-------|----------|------------|
| Product ID | Vendor ID | Order ID | Customer ID | Description | Availability | Name | Price | Image | Category | Returnable |
|------------|-----------|----------|-------------|-------------|--------------|------|-------|-------|----------|------------|

Vendor

| | | | | | |
|-----------|-------------------|------------|----------|------|-----------|
| Vendor ID | Delivery Agent ID | Product ID | Phone No | Name | Penalties |
|-----------|-------------------|------------|----------|------|-----------|

Customer

| | | | | | |
|-------------|------|-------|----------|--------------|---------|
| Customer ID | Name | Email | Password | Subscription | Address |
|-------------|------|-------|----------|--------------|---------|

Delivery Agency

| | | |
|-----------|------|----------|
| Agency ID | Name | Branches |
|-----------|------|----------|

Delivery Agent

| | | | | | |
|-------------------|----------|----------|----------------|--------------|------|
| Delivery Agent ID | Order ID | Phone No | Identity Proof | Availability | Name |
|-------------------|----------|----------|----------------|--------------|------|

Order

| | | | | | |
|----------|-------------|------------|-------------------|----------|----------|
| Order ID | Customer ID | Product ID | Delivery Agent ID | Quantity | Discount |
|----------|-------------|------------|-------------------|----------|----------|

Inventory

| | | |
|-----------|-------------------|----------|
| Vendor ID | Delivery Agent ID | Location |
|-----------|-------------------|----------|

Reviews

| | | | | |
|-----------|-------------|------|-------------|----------------|
| Review ID | Customer ID | Date | Star rating | Review Content |
|-----------|-------------|------|-------------|----------------|

Customer Care

| | | | |
|------------------|-------------|-------|-------|
| Customer Care ID | Customer ID | Email | Phone |
|------------------|-------------|-------|-------|

Payment

| | | | |
|----------------|-------------|--------|---------------------|
| Transaction ID | Customer ID | Amount | Mode of Transaction |
|----------------|-------------|--------|---------------------|

Order History

| |
|----------|
| Order ID |
|----------|

RELATIONS

Belongs To

| |
|----------|
| Order ID |
|----------|

Delivers

| | | | |
|----------|-------------------|------|----------|
| Order ID | Delivery Agent ID | Date | Quantity |
|----------|-------------------|------|----------|

Contacts

| | |
|-------------|-------------------|
| Customer ID | Delivery Agent ID |
|-------------|-------------------|

Provides

| | |
|-----------|-------------------|
| Agency ID | Delivery Agent ID |
|-----------|-------------------|

Support

| | |
|-------------|------------------|
| Customer ID | Customer Care ID |
|-------------|------------------|

Writes

| | |
|-------------|-----------|
| Customer ID | Review ID |
|-------------|-----------|

Collects From

| | | |
|-----------|-------------------|------|
| Vendor ID | Delivery Agent ID | Date |
|-----------|-------------------|------|

Supplies

| | |
|------------|-----------|
| Product ID | Vendor ID |
|------------|-----------|

Updates

| |
|-----------|
| Vendor ID |
|-----------|

Places

| | | |
|-------------|----------|------|
| Customer ID | Order ID | Date |
|-------------|----------|------|

Consists of

| | |
|----------|------------|
| Order ID | Product ID |
|----------|------------|

Shopping Cart

| | |
|-------------|------------|
| Customer ID | Product ID |
|-------------|------------|

Transact

| | | |
|----------------|-------------|--------|
| Transaction ID | Customer ID | Status |
|----------------|-------------|--------|

| Diagram Key | |
|-------------|-------------|
| | Primary Key |
| | Foreign Key |
| | Attributes |

| Arrow Key | |
|-----------|------------------|
| | Customer ID |
| | Product ID |
| | Vendor ID |
| | Order ID |
| | Customer Care ID |
| | Review ID |
| | Transaction ID |
| | Agency ID |
| | Agent ID |