

| | | | |
|------|------------|-------------|--------------|
| Cart | <u>UID</u> | <u>ISBN</u> | cartQuantity |
|------|------------|-------------|--------------|

| | | | | | | |
|------|------------|-------------|--------------|--------------|--------|---------|
| User | <u>UID</u> | userBilling | userShipping | account_type | cartID | storeID |
|------|------------|-------------|--------------|--------------|--------|---------|

| | | |
|-----------|----------------|------|
| Bookstore | <u>storeID</u> | name |
|-----------|----------------|------|

| | | | | | | | | |
|------|-------------|---------------|---------|----------------|----------|-------|-----|-----------|
| Book | <u>ISBN</u> | stockQuantity | royalty | lastMonthSales | Page_num | Price | pID | book_name |
|------|-------------|---------------|---------|----------------|----------|-------|-----|-----------|

| | | | | | |
|-------|----------------|--------------|-----|--------------|---------------|
| Order | <u>orderID</u> | cur_location | UID | orderBilling | orderShipping |
|-------|----------------|--------------|-----|--------------|---------------|

| | | | |
|----------------|----------------|-------------|---------------|
| order_contents | <u>orderID</u> | <u>ISBN</u> | orderQuantity |
|----------------|----------------|-------------|---------------|

| | | | | |
|-----------|------------|---------|-------|---------|
| Publisher | <u>pID</u> | address | email | banking |
|-----------|------------|---------|-------|---------|

| | | |
|-------------|------------|--------------------|
| has_numbers | <u>pID</u> | <u>phoneNumber</u> |
|-------------|------------|--------------------|

| | | | | | |
|--------------|-------------|----------------|----------------------|---------------|--------------|
| book_records | <u>ISBN</u> | <u>orderID</u> | <u>phone_numbers</u> | <u>author</u> | <u>genre</u> |
|--------------|-------------|----------------|----------------------|---------------|--------------|

company orders could be put in this relation, but UID would be NULL or ZERO (users would be above ZERO)

Assumption: The requirements do not state to have a separate relation to store the history of all types of sale data, thus no new relations will be made, and reports will be given through subqueries and aggregate functions