1714 Ex2H - BBruce

WorkshopCoop DB

## User Stories

As the shop owner, I want to see an inventory of available tools

As a patron, I want to see rates for a bench and tools

As a facilitator, I want to create invoices for bench space and tool rentals

As a patron, I want to see my invoices with line items

As a patron, I want to view my receipt with my payment information

As a facilitator, I want to see a list of available benches and whether they are in use with an inventory of tools

## Entity/Attribute Worksheet

**Business transactions:**

Invoices(Id, BenchSpace\_Id, Duration\_Id, InvoiceDate, DueDate)

Receipts(Id, Invoice\_Id, ReceiptDate, TotalAmount)

**Transaction line items:**

BenchSpaces

Inventory

RentalTools

Date/Time

Charges

**Product or service related to a transaction:**

Inventories(InventoryId, InventoryDescription)

InventoryItems(Id, Name, Description, Inventory\_Id)

BenchSpaces(Id, Inventory\_Id, Patron\_Id, Facilitator\_Id)

RentalTools(Id, Description, Price)

LineItems(Id, Invoice\_Id, RentalTool\_Id)

**Roles of people:**

Owner

Patron

Facilitator

People(Id, FirstName, LastName, PhoneNumber, Email, Address\_Id )

**Place of transaction or service:**

**Noteworth events:**

**Physical objects:**

RentalTools(Id, Description, Price)

**Locations:**

Addresses(Id, State\_Id, AddressLineOne, AddressLineTwo, City, Zip)

States(Id, Abbreviation, Name)

**Descriptions of things (text, unit of measurement, time period, etc.):**

Durations(Id, TimePeriod, Price)

**Catalogs:**

**Containers of other things:**

**Things in a container:**