



Classes of Users

- Retail shop websites are the only users of this system
- Users can be of any computer skill level
- Being that it is such a highly specified design, it is crucial to learn the dialog of the users to use in the interface
- Must be as quick as possible because of large groups
- Design must ease as speed instead of ease of use

Problem Description and Domain

- [illegible]

Foreseen Difficulties

- Hosting large amounts of information
- Database backup
- Usage on similar systems
- Durability and dependability long term
- Hardware requirements
- Adaptation to new systems

Usage Scenarios

- Usage Scenarios**





WEBBSKI

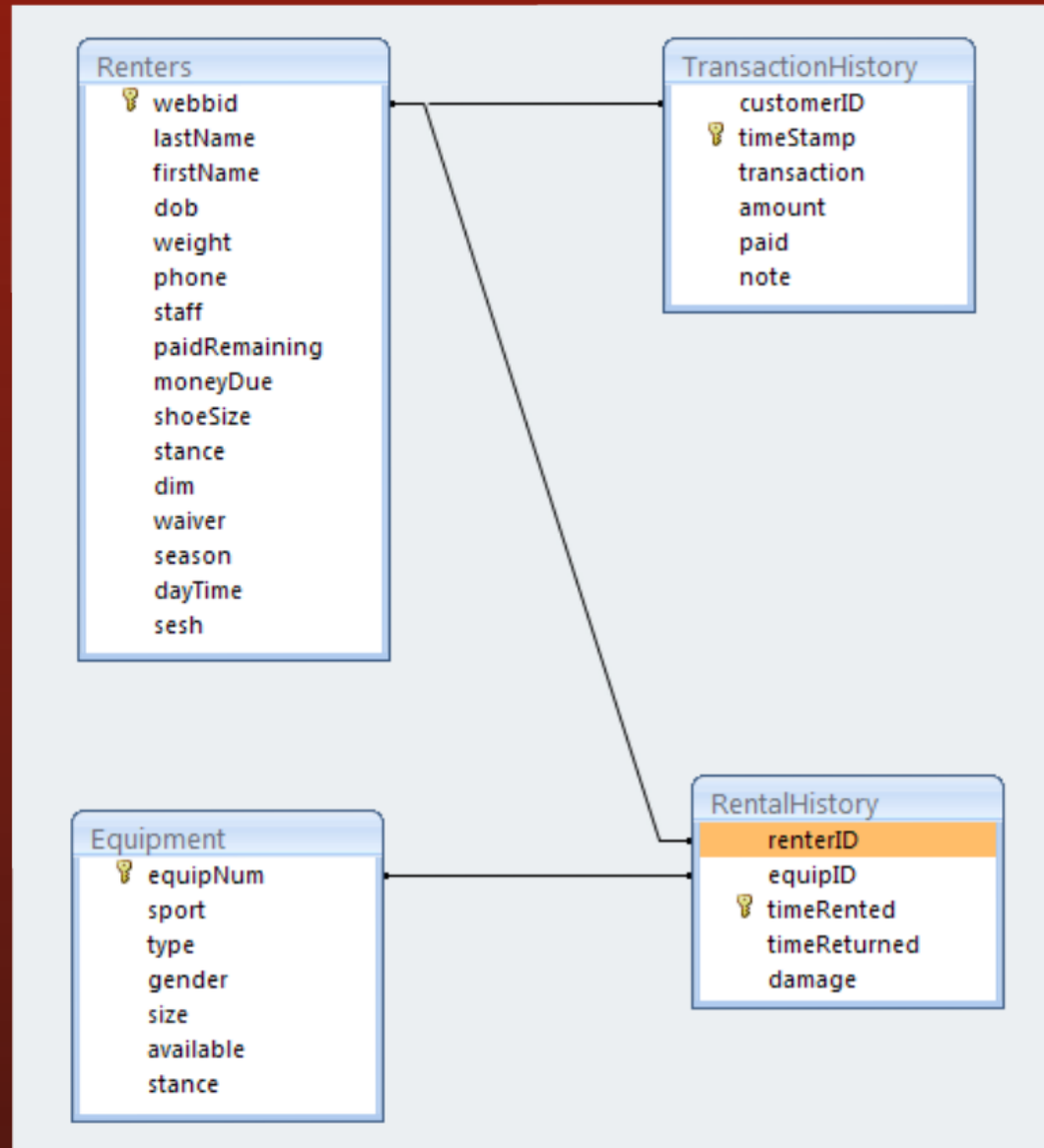
Problem Description and Domain

- Private ski school with its own rental shop
- Rental shop currently tracks equipment using custom paper cards
- Equipment, people, and everything around them gets wet
- Cards get ruined by water or lost
- Current system takes significant amount of time to collectively organize and perform end-of-day actions
- There is no backup for the current system
- Tracking of the equipment can easily be compromised

Classes of Users

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- Design must cater to speed instead of ease of use

Relationship Diagram



Schema

Renters		
	Field Name	Data Type
🔑	webbid	Number
	lastName	Text
	firstName	Text
	dob	Date/Time
	weight	Number
	phone	Text
	staff	Yes/No
	paidRemaining	Number
	moneyDue	Currency
	shoeSize	Number
	stance	Text
	dim	Number
	waiver	Yes/No
	season	Text
	dayTime	Text
	sesh	Number

RentalHistory		
	Field Name	Data Type
	renterID	Text
	equipID	Text
🔑	timeRented	Date/Time
	timeReturned	Date/Time
	damage	Memo

TransactionHistory		
	Field Name	Data Type
	customerID	Number
🔑	timeStamp	Date/Time
	transaction	Text
	amount	Number
	paid	Number
	note	Memo

Equipment		
	Field Name	Data Type
🔑	equipNum	Text
	sport	Text
	type	Text
	gender	Text
	size	Number
	available	Yes/No
	stance	Text

Usage Scenarios

- New customer, has never been on skis, first lesson of the new season, wants to rent skis and boots, has already paid online
- Regular customer who has five children taking classes. Two of them snowboard, three of them ski. They are running late and need to get outside to meet their lesson ASAP.
- It is the first day of lessons for the season and a previous customer has returned for lessons and needs to rent equipment. The shop is packed with first timers and speed is of utmost importance.

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