

ACCOUNT ENTRY

Entity: **ACCOUNT ENTRY**

Category: Intersecting
Phase: 4

Purpose: Records all the entries, both payments and expenses. Payments map to the Payments screen;
Expenses to Quickbooks.

Model Links: (statement) Accounting security
(statement) Project future income and expenses
(statement) Reconcile bank statements

Attributes: account entry id #

account number #

entry type name #

Associations: >—+ BANK ACCOUNT
>—+ ENTRY TYPE
+—○< EXPENSE TRANSACTION
+—○< PAYMENT TRANSACTION

Created: Fri Jul 24 14:45:55 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 21:04:02 1998 by IBSI
In Session 072098 initial model

Extra Attic

All Entities in The Entire Model

Mon Feb 08 17:15:44 1999

Entity Report

Page 2

AREA

Entity: **AREA**

Category: Principal
Phase: 1

Purpose: The geographic region in which the facility resides. Currently, all demographic info maps to the Demographics tab of the Administration screen. This info can be viewed in the Customer screen.

Attributes: area id #

Associations: +—○< COMPETITOR
+—< DEMOGRAPHIC
+—○< FACILITY

Created: Fri Jul 24 13:37:12 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:36:06 1998 by IBSI
In Session 072098 initial model

Extra Attic

All Entities in The Entire Model
Mon Feb 08 17:15:44 1999

Entity Report

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BANK

Entity: **BANK**

Category: Principal
Phase: 1

Purpose: The financial institution that houses the facility accounts. Maps to QuickBooks.

Attributes: bank transit number #

Associations: +—⊲ BANK ACCOUNT

Created: Mon Jul 20 20:18:09 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 21:37:08 1998 by IBSI
In Session 072098 initial model

BANK ACCOUNT

Entity: **BANK ACCOUNT**

Category: Principal
Phase: 3

Purpose: Each facility will operate from two bank accounts unique to the facility, one for petty cash, the other for everything else. Maps to QuickBooks.

Static Entries: **account_number** **bank_transit_number** **facility number** **account type**
1: 01 01 checking

Model Links: (statement) Accounting security
(statement) Project future income and expenses
(statement) Reconcile bank statements

Attributes: account_number #

bank_transit_number #

facility number #

account type

Associations: +---< ACCOUNT ENTRY
>---+ BANK
>---+ FACILITY

Created: Mon Jul 20 10:34:15 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 21:37:34 1998 by IBSI
In Session 072098 initial model

BUILDING

Entity: **BUILDING**

Category: Principal
Phase: 3

Purpose: Contains the units for storage. Maps to the Units tab in the Administration screen.

Attributes: building number #

facility number #

Associations: >---+ FACILITY
 ---+< UNIT

Created: Mon Jul 20 10:35:04 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 21:40:10 1998 by IBSI
In Session 072098 initial model

COMPETITOR

Entity: **COMPETITOR**

Category: Principal
Phase: 2
Cluster End Pt: GENERAL1 (derived)

Purpose: Other businesses that offer self storage. Will map to the future updated versions.

Model Links: (statement) Increase awareness of competitors' offerings

Attributes: competitor name #

area id #

promotion

Associations: >○— AREA

Created: Mon Jul 20 10:46:11 1998 by IBSI
In Session 072098 initial model

Modified: Sun Aug 23 21:45:42 1998 by IBSI
In Session 072098 initial model

CUSTOMER

Entity: **CUSTOMER**

Category: Principal
Phase: 3

Purpose: An individual who has rented a unit from EA. Maps to the Home tab of the Customer screen.

Model Links: (statement) Better late notice reporting
(statement) Customer history tracking
(statement) Eliminate manual processing of lock-outs
(statement) Extra Attic Description
(statement) Gate access interface
(statement) Improve customer service
(statement) Improve customer timeliness
(statement) Record demographics

Attributes: customer number #

cust_status #

customer type name #

access code

address

city

contact

cust_license_number

dob

e_mail address

fax_number

first_name

home_phone

last_name

middle_initial

number of units

CUSTOMER

sc address
sc first_name
sc home_phone
sc last_name
sc middle_initial
sc work_phone
second contact info
state
work_phone
zipcode

Associations: +---○--- CUSTOMER ACCESS TRACKING
>---+--- CUSTOMER STATUS
>---+--- CUSTOMER TYPE
+---<--- CUSTOMER UNIT
>○---+--- DEMOGRAPHIC

Created: Mon Jul 20 10:11:38 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:37:41 1998 by IBSI
In Session 072098 initial model

CUSTOMER ACCESS TRACKING

Entity: **CUSTOMER ACCESS TRACKING**

Category: Intersecting

Phase: 4



Cluster End Pt: CUSTOMER CLUSTER (derived)

Purpose: Tracks the customers' access through the security gate. Maps to the Gate tab of the Customer screen.

Attributes: customer number #

date and time #

gate id #

Associations:  CUSTOMER
 SECURITY GATE

Created: Fri Jul 24 12:58:37 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:30:28 1998 by IBSI
In Session 072098 initial model

CUSTOMER STATUS

Entity: **CUSTOMER STATUS**

Category: Principal
Phase: 1

Purpose: The category in which a customer may fall, or the customer's status i.e. current(active), past or potential. Maps to the Customer screen.

Static Entries: **cust_status**

- 1: active
- 2: past
- 3: potential
- 4: prelease
- 5: wait list

Attributes: cust_status #

Associations: —|< CUSTOMER

Created: Mon Jul 20 10:21:30 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 21:46:37 1998 by IBSI
In Session 072098 initial model

CUSTOMER TYPE

Entity: **CUSTOMER TYPE**

Category: Principal
Phase: 1

Purpose: The type of customer, i.e. business or individual. Maps to the Customer screen.

Static Entries: **customer type name**

- 1: business
- 2: individual
- 3: group

Attributes: customer type name #

Associations: ———< CUSTOMER

Created: Wed Jul 29 14:35:39 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:00:45 1998 by IBSI
In Session 072098 initial model

CUSTOMER UNIT

Entity: **CUSTOMER UNIT**

Category: Intersecting
Phase: 5

Purpose: The unit that a particular customer rents. Maps to the Move-in screen, Customer screen.

Model Links: (statement) Determine occupancy fluctuation
(statement) Establish vacate process
(statement) Maintain high occupancy rates
(statement) Owner altered Paid-Thru-Dates

Attributes: building number #

customer number #

facility number #

unit number #

actual rate

last increase amount

last increase date

lease number

move_in date

move_out date

paid thru date

renewal date

Associations: >—+ CUSTOMER
+—< CUSTOMER UNIT FINANCIAL STATUS
+—< CUSTOMER UNIT PAY PERIOD
+—o< PAYMENT TRANSACTION
>—o—+ UNIT

Created: Mon Jul 20 10:14:21 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:01:41 1998 by IBSI
In Session 072098 initial model

CUSTOMER UNIT

CUSTOMER UNIT FINANCIAL STATUS

Entity: **CUSTOMER UNIT FINANCIAL STATUS**

Category: Intersecting
Phase: 6
Cluster End Pt: FINANCIAL IN (derived)

Purpose: The financial status for a particular customer unit. Maps to the Home tab of the Customer screen.

Model Links: (statement) Improve customer timeliness
(statement) Maintain policy of graduated increased late fees
(statement) Owner altered Paid-Thru-Dates
(statement) Reduce problem accounts, late payments

Attributes: building number #
customer number #
facility number #
paid thru status #
status date #
unit number #

Associations: >—+ CUSTOMER UNIT
>—+ FINANCIAL STATUS

Created: Mon Jul 20 10:41:14 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:03:47 1998 by IBSI
In Session 072098 initial model

CUSTOMER UNIT PAY PERIOD

Entity: **CUSTOMER UNIT PAY PERIOD**

Category: Intersecting

Phase: 6

Cluster End Pt: FINANCIAL IN2 (derived)

Purpose: Records the pay period of the customer unit.



Attributes: building number #

customer number #

facility number #

pay period id #

unit number #

Associations:  CUSTOMER UNIT
 PAY PERIOD

Created: Wed Jul 22 14:52:14 1998 by IBSI
In Session 072098 initial model

Modified: Fri Aug 14 15:33:51 1998 by IBSI
In Session 072098 initial model

DEMOGRAPHIC

Entity: **DEMOGRAPHIC**

Category: Principal
Phase: 2

Purpose: Detailed information about a customer, a facility, a local business, OR a competitor. Maps to the Demographic tab of the Administration screen.

Model Links: (statement) Record demographics

Attributes: demographic id #

area id #


age

distance

income level

location

market

Associations:  AREA
CUSTOMER
LOCAL BUSINESS

Created: Mon Jul 20 10:45:22 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:07:28 1998 by IBSI
In Session 072098 initial model

EMPLOYEE

Entity: **EMPLOYEE**

Category: Principal
Phase: 1

Purpose: The person that is employed at each facility. Maps to QuickBooks.

Model Links: (statement) Improve customer service
(statement) Improve employee productivity

Attributes: employee number #
salary amount

Associations: +---○< EMPLOYEE TASK
-○-○< EXPENSE TRANSACTION

Created: Mon Jul 20 10:36:03 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:08:35 1998 by IBSI
In Session 072098 initial model

EMPLOYEE TASK

Entity: **EMPLOYEE TASK**

Category: Intersecting

Phase: 2

Cluster End Pt: GENERAL2 (derived)

Purpose: Tasks that an employee may perform.

Model Links: (statement) Easy interface
(statement) Improve customer service
(statement) Reduce tedious, manual tasks

Attributes: employee number #

task name #

Associations: >○—+ EMPLOYEE
>○—+ TASK

Created: Mon Jul 20 10:37:56 1998 by IBSI
In Session 072098 initial model

Modified: Sun Aug 23 21:46:22 1998 by IBSI
In Session 072098 initial model

ENTRY TYPE

Entity: **ENTRY TYPE**

Category: Principal
Phase: 1

Purpose: The valid types of entries i.e. payroll, late charges, rental income, administration, etc. Maps to QuickBooks.

Static Entries: **entry type name**

- 1: payroll
- 2: rental income
- 3: late charges
- 4: administration
- 5: materials

Attributes: entry type name #

Associations: +—< ACCOUNT ENTRY

Created: Fri Jul 24 14:48:17 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:10:20 1998 by IBSI
In Session 072098 initial model

EXPENSE TRANSACTION

Entity: **EXPENSE TRANSACTION**

Category: Principal
Phase: 5
Cluster End Pt: FINANCIAL OUT CLUSTER (derived)

Purpose: All of the transactions involving expense i.e. all payments out. Maps to QuickBooks.

Attributes: expense transaction id #

account entry id #

account_number #

employee number #

entry type name #

facility number #

Associations: >○—+ ACCOUNT ENTRY
>○—○ EMPLOYEE
>—+ FACILITY

Created: Fri Jul 24 14:44:10 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:11:03 1998 by IBSI
In Session 072098 initial model

FACILITY

Entity: **FACILITY**

Category: Principal
Phase: 2

Purpose: The business entity that houses the rental properties. The umbrella corporate account is classified as a facility. Maps to the Site Info tab of the Administration screen.

Static Entries:

	facility number	area id	facility address	facility name	manager first name
1:	001	001		West End	
2:	002	002		Staunton	
3:	003	003		Airport	
4:	004	004		North Side	
5:	005	005		Corporate	

	manager last name	owner name	return check fee	tax rate
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Model Links: (statement) Determine occupancy fluctuation
(statement) Establish new products
(statement) Expand facilities to new market areas
(statement) Extra Attic Description
(statement) Improve information accuracy
(statement) Tracking of administrative fees

Attributes: facility number #

area id #

facility address

facility name

manager first name

manager last name

owner name

return check fee

tax rate

Associations: >○+ AREA
+—< BANK ACCOUNT
+—< BUILDING
+—< EXPENSE TRANSACTION
+—< SECURITY GATE

Created: Mon Jul 20 10:15:13 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:13:38 1998 by IBSI
In Session 072098 initial model

FACILITY

FINANCIAL STATUS

Entity: **FINANCIAL STATUS**

Category: Principal
Phase: 1

Purpose: The financial status regarding payment dates.

Static Entries: **paid thru status**

- 1: current
- 2: late
- 3: paid ahead
- 4: partial paid
- 5: lein
- 6: overlocked
- 7: complementary

Attributes: paid thru status #

Associations: +—⊲ CUSTOMER UNIT FINANCIAL STATUS

Created: Mon Jul 20 10:42:17 1998 by IBSI
In Session 072098 initial model

Modified: Sat Jul 25 22:41:12 1998 by IBSI
In Session 072098 initial model

LOCAL BUSINESS


Entity: **LOCAL BUSINESS**

Category: Principal
Phase: 1
Cluster End Pt: GENERAL3 (derived)

Purpose: Other businesses in the vicinity of EA. Will map to the Demographics tab in the Administration screen in the future.

Model Links: (statement) Build relationships with nearby businesses

Attributes: name #
demographic id #

Associations:  DEMOGRAPHIC

Created: Mon Jul 20 10:45:52 1998 by IBSI
In Session 072098 initial model
Modified: Sun Aug 23 21:46:40 1998 by IBSI
In Session 072098 initial model

PAY PERIOD

Entity: **PAY PERIOD**

Category: Principal
Phase: 1

Purpose: The valid periods for which a customer may pay for a unit.

Static Entries: **pay period id end date start date**
1: monthly
2: quarterly
3: semi-annually
4: annually

Model Links: (statement) Extra Attic Description

Attributes: pay period id #

end date

start date

Associations:  CUSTOMER UNIT PAY PERIOD

Created: Wed Jul 22 14:53:28 1998 by IBSI
In Session 072098 initial model

Modified: Sat Jul 25 22:38:14 1998 by IBSI
In Session 072098 initial model

PAYMENT METHOD

Entity: **PAYMENT METHOD**

Category: Principal
Phase: 1

Purpose: The form of payment. Maps to the Payments screen.

Static Entries: **payment method**
1: check
2: cash
3: ...

Attributes: payment method #

Associations:  PAYMENT TRANSACTION

Created: Mon Jul 20 19:56:21 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:18:48 1998 by IBSI
In Session 072098 initial model

PAYMENT TRANSACTION

Entity: **PAYMENT TRANSACTION**

Category: Principal
Phase: 6
Cluster End Pt: FINANCIAL IN3 (derived)

Purpose: The financial transactions in which a customer unit is involved. Maps to the Payments screen, History screen, Late Letters screen, and QuickBooks.

Model Links: (statement) Better late notice reporting
(statement) Customer history tracking
(statement) Improve customer timeliness
(statement) Improve information accuracy
(statement) Maintain policy of graduated increased late fees
(statement) Owner altered Paid-Thru-Dates
(statement) Reconcile bank statements
(statement) Reduce problem accounts, late payments

Attributes: transaction id number #

account entry id #

account_number #

building number #

customer number #

entry type name #

facility number #

payment method #

payment type name #

unit number #

payment amount

payment date

Associations: >○+ ACCOUNT ENTRY
>○+ CUSTOMER UNIT
>+ PAYMENT METHOD
>○+ PAYMENT TYPE

PAYMENT TRANSACTION

Created: Mon Jul 20 10:39:12 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:23:08 1998 by IBSI
In Session 072098 initial model

PAYMENT TYPE

Entity: **PAYMENT TYPE**

Category: Principal
Phase: 1

Purpose: The type of the payment i.e. late, rent, partial. Maps to the Payments screen.

Static Entries: **payment type name**

- 1: late charges
- 2: rent
- 3: partial

Model Links: (statement) Improve information accuracy

Attributes: payment type name #

Associations:  PAYMENT TRANSACTION

Created: Wed Jul 22 15:18:01 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:23:51 1998 by IBSI
In Session 072098 initial model

PHYSICAL UNIT STATUS

Entity: **PHYSICAL UNIT STATUS**

Category: Principal
Phase: 1


Purpose: The status per unit relative to availability. Maps to the Units tab of the Administration screen.

Static Entries: **unit status**

- 1: vacant
- 2: occupied
- 3: damaged
- 4: prelease

Model Links: (statement) Determine occupancy fluctuation
(statement) Establish vacate process
(statement) Maintain high occupancy rates

Attributes: unit status #

Associations:  UNIT

Created: Wed Jul 22 21:09:51 1998 by IBSI
In Session 072098 initial model
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In Session 072098 initial model

Extra Attic

All Entities in The Entire Model
Mon Feb 08 17:15:44 1999

Entity Report

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PRODUCT

Entity: **PRODUCT**

Category: Principal

Phase: 5

Cluster End Pt: UNIT CLUSTER (derived)

Purpose: A possible upgrade or product added to a unit. Maps to the Units tab of the Administration screen.

Static Entries: **product_name building number facility number unit number**

1: climate control

Model Links: (statement) Establish new products

Attributes: product_name #

building number #

facility number #

unit number #

Associations: >—+ UNIT

Created: Mon Jul 20 10:43:53 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:26:53 1998 by IBSI
In Session 072098 initial model

SECURITY GATE

Entity: **SECURITY GATE**

Category: Principal
Phase: 3

Purpose: The gate that provides security to the facility. Each customer has a unique access code to get through the gate. Maps to the Gate tab of the Customer screen.

Model Links: (statement) Gate access interface

Attributes: gate id #
facility number #
time zone

Associations:  CUSTOMER ACCESS TRACKING
 FACILITY

Created: Wed Jul 22 21:39:19 1998 by IBSI
In Session 072098 initial model
Modified: Tue Aug 18 22:28:40 1998 by IBSI
In Session 072098 initial model

TASK

Entity: **TASK**

Category: Principal
Phase: 1

Purpose: Determine the possible tasks to be performed, in this model we are listing future tasks to be performed.

Static Entries: **task name**
1: market research

Attributes: task name #

Associations: —○< EMPLOYEE TASK

Created: Mon Jul 20 22:10:34 1998 by IBSI
In Session 072098 initial model
Modified: Sat Jul 25 23:53:40 1998 by IBSI
In Session 072098 initial model

UNIT

Entity: **UNIT**

Category: Principal
Phase: 4

Purpose: The divisions of the actual storage space located in a building within a facility. Maps to the Units tab of the Administration screen.

Model Links: (statement) Determine occupancy fluctuation
(statement) Establish new products
(statement) Establish vacate process

Attributes: building number #

facility number #

unit number #

unit size #

unit status #

climate

door

floor

outside

Associations: >—+ BUILDING
+—○< CUSTOMER UNIT
>—+ PHYSICAL UNIT STATUS
+—< PRODUCT
>—+ UNIT SIZE

Created: Mon Jul 20 10:05:26 1998 by IBSI
In Session 072098 initial model

Modified: Tue Aug 18 22:31:58 1998 by IBSI
In Session 072098 initial model

UNIT SIZE

Entity: **UNIT SIZE**

Category: Principal
Phase: 1


Purpose: The possible dimensions of a unit. Maps to the Units tab of the Administration screen.

Static Entries: **unit size square footage standard rate**
1: 5x5 25 \$50
2: 5x10 50 \$70
3: ...

Attributes: unit size #

square footage

standard rate

Associations:  UNIT

Created: Mon Jul 20 19:49:56 1998 by IBSI
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In Session 072098 initial model

Extra Attic

All Entities in The Entire Model
Mon Feb 08 17:15:44 1999

Number of Principal Entities:	25
Number of Secondary Entities:	0
Number of Type Entities:	0
Number of Structure Entities:	0
Number of Intersecting Entities:	6
Number of Role Entities:	0
TOTAL NUMBER OF ENTITIES PRINTED:	31