

Rental System For Aloha

Rental System Administration

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Overview

Use the Rental System Administration program to setup the rooms, fee groups, tables, lights, and bitmaps for the Rental System for Aloha.

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1 Accessing the Program

The Rental System Administration program is accessed from the server. From START->PROGRAMS->LONE TREE TECHNOLOGY->RENTAL SYSTEM ADMINISTRATION (see below).

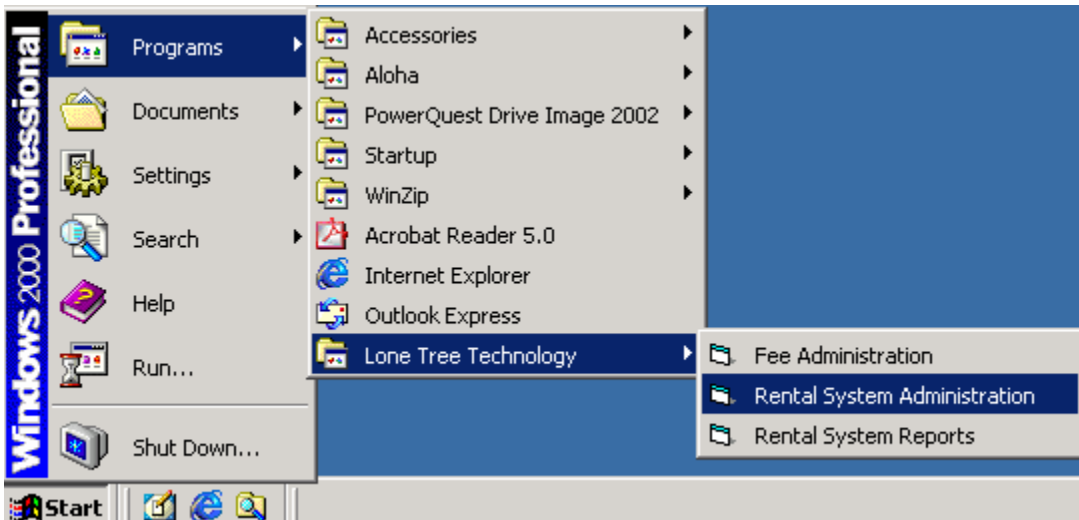


Figure 1 - Starting the Rental System Admin on the Aloha BOH Machine

2 System Setup

When setting up a system, operations are performed in the following order:

- Step 1: Configure Light Controllers (skip if not using light control)
- Step 2: Setup Floor Plans
- Step 3: Setup Item Types
- Step 4: Setup Fee Groups
- Step 5: Setup Tables and Lights
- Step 6: Use Aloha Refresh to update all terminals!

2.1 Configure Light Controllers

Information regarding Light Controllers is found in the Rental System Administration program by clicking on the Controllers tab (see below).

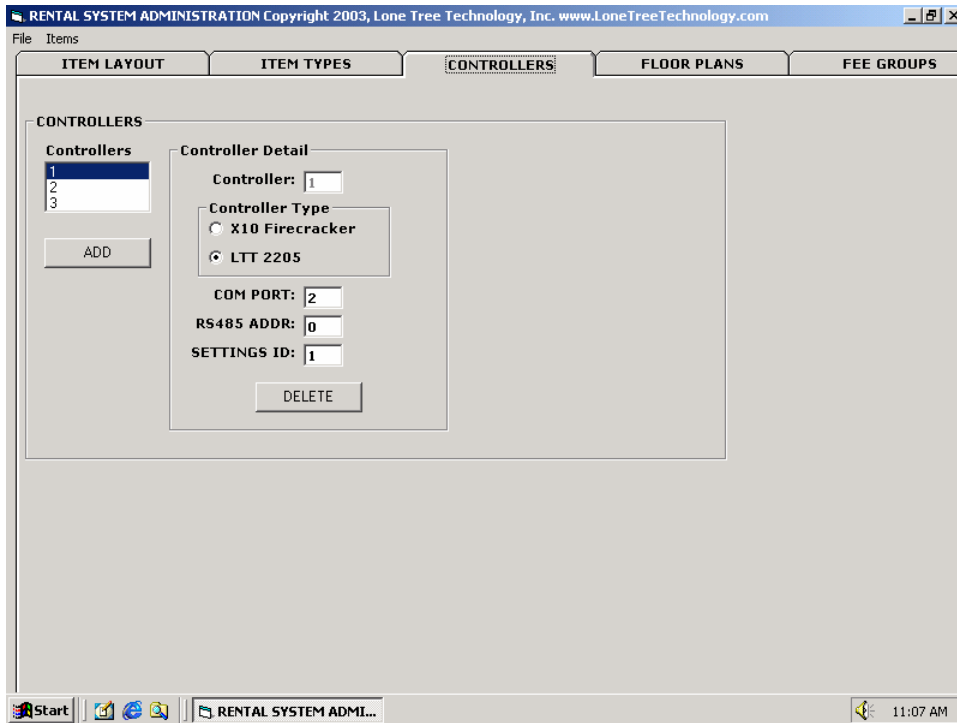


Figure 2 - Controllers Tab, Rental System Admin

The Rental System supports two types of controllers, **X10 Firecracker** and **LTT 2205**. The installation data includes sample controller records for both types.

If you are using only X10, then you typically need only 1 controller record. If you are using LTT 2205, then you will need 1 controller record for each LTT 2205 board in your system.

To select a controller, click on the desired controller in the list box. Details regarding the selected controller will appear in the Controller Detail box.

Controller Parameters are described as follows:

- COM PORT: Define the COM Port number where the Light Controller is attached to the system.
- RS-485 ADDRESS: This is the address of the LTT 2205 board (as defined by dip switch settings).

- SETTINGS ID: ALWAYS SET THIS TO 1.

NOTE: After making updates to controller records, you must perform an Aloha Refresh and insure that the light control software is restarting using the new data.

2.1.1 Configuring X10 Controllers

X10 Controllers require only two parameters, COM Port Number and Settings ID.

The COM Port Number must match to where the X10 Firecracker wireless controller is attached on the Light Control Server machine.

The Settings ID should be 1 unless instructed by Lone Tree Technology, Inc.

2.1.2 Configuring LTT 2205 Controllers

LTT 2205 Controllers require three parameters, COM Port Number, RS485 Address, and Settings ID.

The COM Port Number must match to where LTT 2205 Controllers are attached on the Light Control Server machine.

The RS485 Address should match the settings on the address jumper block on the LTT 2205 board.

The Settings ID should be 1 unless instructed by Lone Tree Technology, Inc.

2.2 Item Type Setup

Information regarding Item Types is round in the Rental System Administration program by clicking on the Item Types tab (see below).

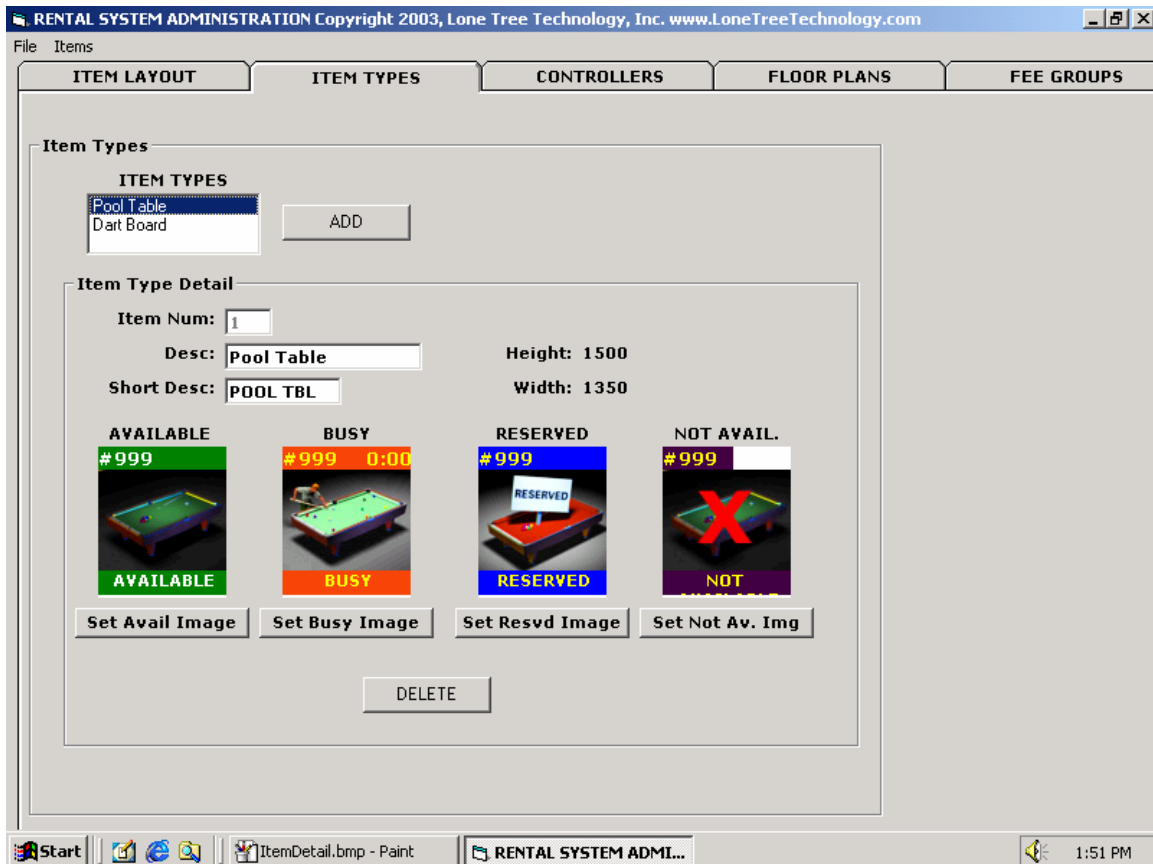


Figure 3 - Item Types Tab, Rental Sys Admin

Each item must have an item type. Item Types for Pool Table and Dart Board are provided. They can be used as is or customized as desired.

For each item type, you can specify the description, colors and graphics associated with the item.

Each item has 3 states that are currently supported: AVAILABLE, BUSY, and RESERVED.

A description of each field follows:

- **DESC** – The description of the item type. Examples include "POOL TABLE", "DART BOARD", etc. The DESC field is used when displaying the item in the Rental System (see below).

POOL TABLE STATUS - Copyright 2003, Lone Tree Technology, Inc. www.LoneTreeTechnology.com

Pool Table # 1 / CHECK 10027 **02:01 pm**

STARTED 01:59 PM IN USE 0:02 FEE \$5.00

	START TIME	NAME	STATUS	FEE
1	01:59 PM		ACTIVE	\$2.50
2	01:59 PM		ACTIVE	\$2.50

Item Type DESC field usage in Rental System.

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Figure 4 - Example of an Item Type Description as used in the Rental System

- **SHORT DESC** – This description will be used to name the Aloha Table when the Rental System is configured to create a new check at the start of each rental. The Item Number is appended to the end of the Short Description to create the new check.

2.2.1 Setting the state colors

You can set the background and foreground colors for the graphic header and footer for each item state. To set the colors, click on the item state GRAPHIC you wish to change. The SET COLORS window for that state will be displayed (see below).

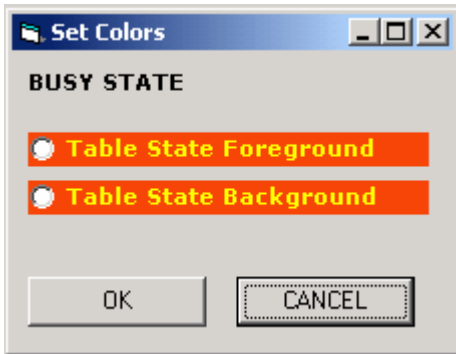


Figure 5 - Set State Colors Window

To adjust either the Foreground or Background Color, click on either "Table State Foreground" or "Table State Background" radio button. The Color window will be displayed (see below).

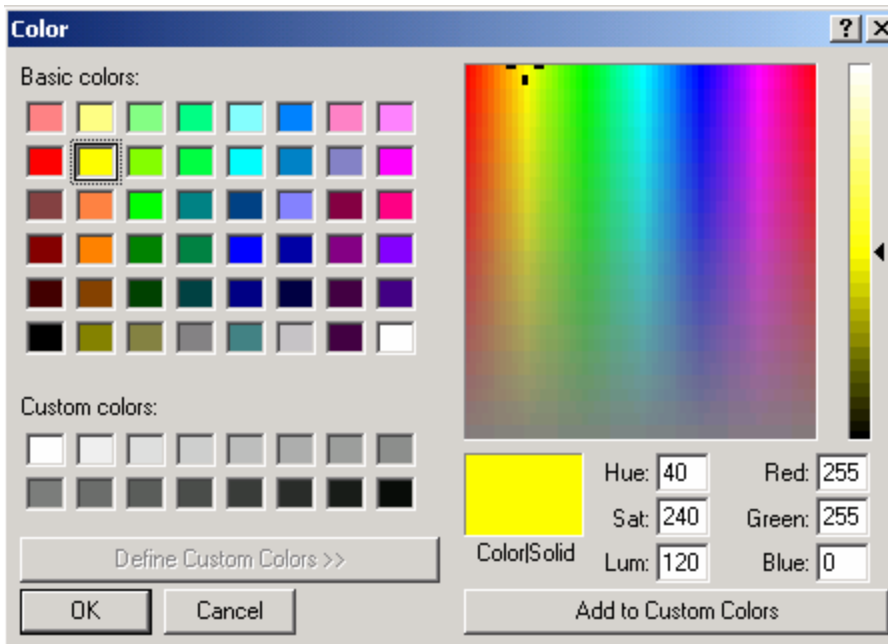


Figure 6 - Color Selection Window

After selecting a color, press OK to update the Foreground / Background color, or press cancel.

2.2.2 Setting the State Graphics for the Item Type

To set a state graphic for the item type, click on the desired State Image button (see below). The Table State Image Selection window is displayed (see below).



Figure 7 - State Image Selection Buttons

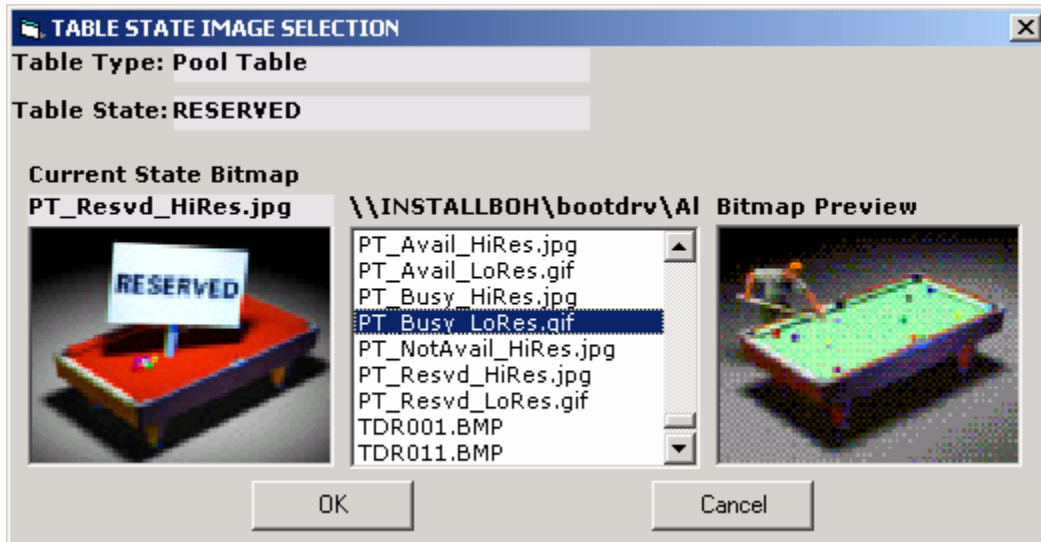


Figure 8 - Table State Graphical Image Selection

Graphics for Pool Tables and Dart Boards are provided. Other graphics can be substituted as desired.

Place any desired graphics in the ALOHA BMP directory.

To select a bitmap for the Item Type State, scroll through the list of graphic files in the BMP directory.

Single Clicking on a file name will cause the file to be shown in the preview panel.

Double Clicking on a file name will cause the file to be selected as the current item state bitmap.

2.3 Floor Plan Setup

Information regarding Floor Plans is found in the Rental System Administration program by clicking on the Floor Plan tab (see below).

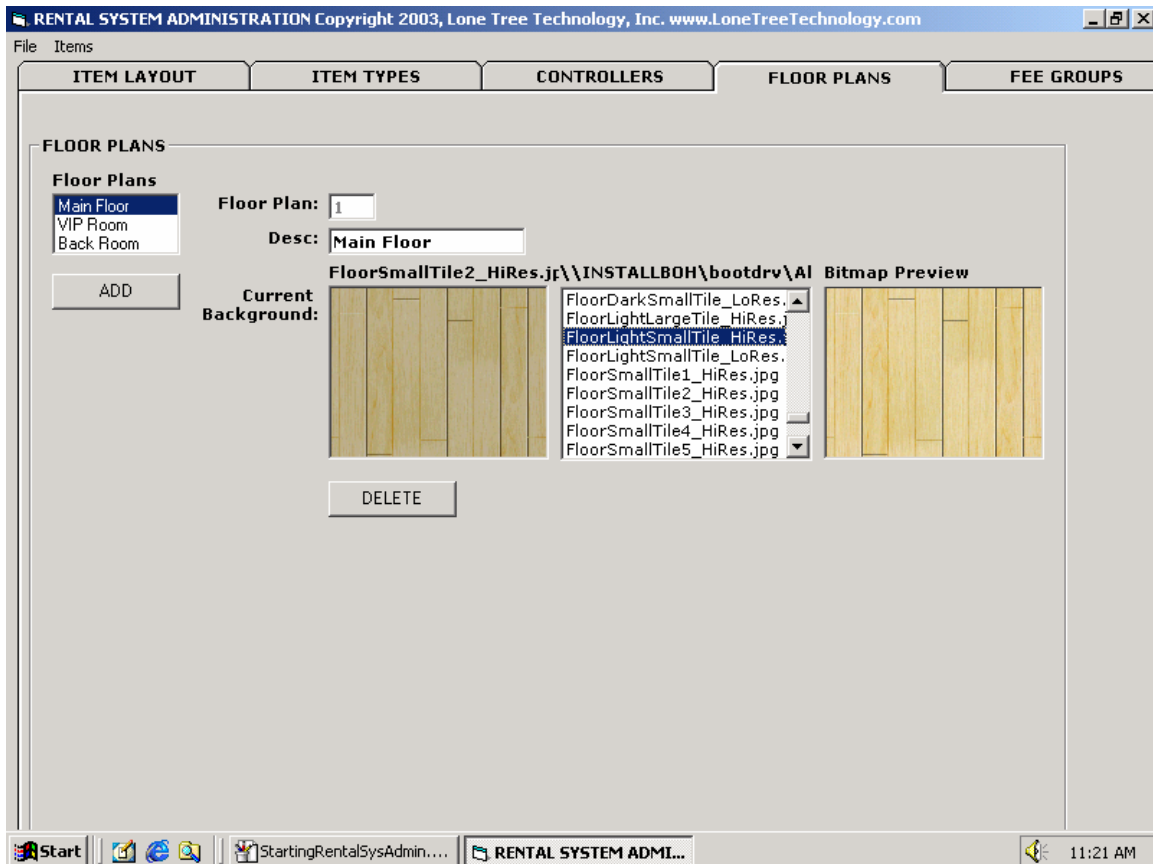


Figure 9 - Floor Plan Tab, Rental Sys Admin

Any number of floor plans can be setup.

For each floor plan, a description and a background bitmap must be supplied. The software ships with a selection of backgrounds; however, any background can be used.

Place new backgrounds in the Aloha BMP directory.

To select a background for the Floor plan, scroll through the list of graphic files in the BMP directory.

Single Clicking on a file name will cause the file to be shown in the preview panel.

Double Clicking on a file name will cause the file to be selected as the current floor plan background.



Figure 10 - Floor Plan Background Selection Detail

2.4 Fee Group Setup

Information regarding Fee Group setup is found in the Rental System Administration program by clicking on the Fee Groups tab (see below).

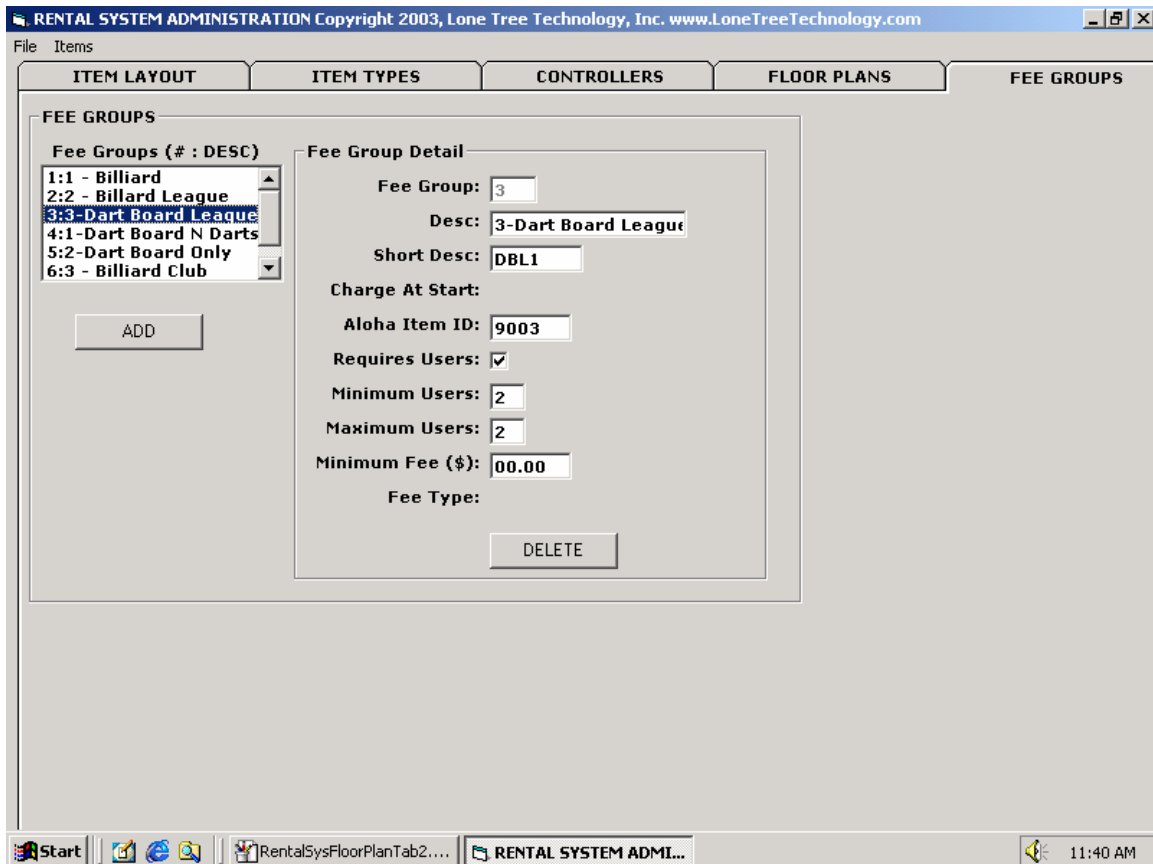


Figure 11 - Fee Group Tab, Rental Sys Admin

2.4.1 What is a Fee Group?

A Fee Group is a collection of fee rules that work together. Examples of Fee Groups would be "Regular Billiards", "Billiard League", "Dart Board Rate", "Shuffle Board Rate", etc.

When each item being rented is configured, it must be assigned one or more fee groups. If an item has more than one fee group assigned, then at start of each rental, the user must choose the appropriate fee group. If an item has only one fee group assigned, then that fee group is automatically chosen at the start of each rental.

Fee Groups also allow for the specification of other features for each fee type such as Minimum/Maximum number of users, Minimum Fees specific to that Fee Group, and the Aloha Item ID to use when using this fee group.

2.4.2 Fee Group Selection

To select a Fee Group, click on the desired Fee Group in the List box (see below). Fee Groups are listed in Fee Group ID order.

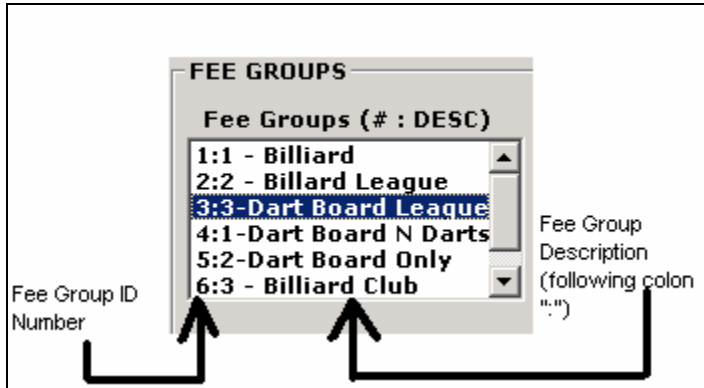


Figure 12 - Fee Group Listbox

2.4.3 Fee Group Detail

The following shows the Fee Group detail window. A description of each field follows.

The screenshot shows the "Fee Group Detail" window with the following fields:

- Fee Group: 4
- Desc: 1-Dart Board N Dart:
- Short Desc: DBWD
- Charge At Start: (checkbox)
- Aloha Item ID: 9004
- Requires Users:
- Minimum Users: 1
- Maximum Users: 4
- Minimum Fee (\$): 05.00
- Fee Type: (checkbox)

Figure 13 - Fee Group Detail

- **Desc** – This description is used as the button text for fee group selection in the rental system program. If an item has more than 1 fee group assigned to it, the fee group selection window will show each option in ALPHABETICAL ORDER (see example

below). The use of a number in the description as shown is NOT REQUIRED.

The image shows a screenshot of a software interface. At the top, there is a blue header bar with the text "SELECT FEE GROUP" in white. Below this header, the text "SELECT RATE TYPE" is centered in a large, bold, black font. Underneath, there are three gray rectangular buttons stacked vertically, each containing a rate type description in bold black text: "1-Dart Board N Darts", "2-Dart Board Only", and "3-Dart Board League".

Figure 14 - Example of the DESC field as used in the Rental System Program

- **Short Desc** – This OPTIONAL field is used to indicate to the Rental System User which Fee Group is currently active for the Rental Item (see example below). This field may be blank.

POOL TABLE STATUS - Copyright 2003, Lone Tree Technology, Inc. www.LoneTreeTechnology.com

Dart Board # 13 / CHECK 10026 12:14pm

STARTED 12:13PM IN USE 0:01 FEE \$5.00 RATE DBWD

	START TIME	NAME	STATUS	FEE
1	12:13 PM		ACTIVE	\$2.50
2	12:13 PM		ACTIVE	\$2.50

Example of a Fee Group Short Desc usage.

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ADD PLAYER

CANCEL

TRANSFER PLAYERS

Figure 15 - Example of the SHORT DESC field as used in the Rental System Program

- **Aloha Item ID** – The Aloha Item ID to order when using this Fee Group. This Aloha Item ID MUST be setup in Aloha, with the “Ask for Description” Checkbox selected or errors will occur!
- **Requires Users** – This checkbox MUST ALWAYS be checked.
- **Minimum Users / Maximum Users** – Choose values between 1 and 8 for each setting.
 - **If the value for the Min/Max is the same, the User WILL NOT be asked to specify the number of users.**
 - **If Fees will not be calculated on a “per user” basis or tracking users is not desired, set the value for both Min/Max Users to 1.**
- **Minimum Fee** – Fees are calculated on a per minute basis. A minimum fee may be charged if the time rented is too short. If desired, enter the minimum dollar amount the users must pay for renting the item when that fee group is selected. If charged, the Minimum Fee amount will be evenly split between the number of users renting the item.

2.5 Setup Tables and Lights

Information regarding Table Setup is found in the Rental System Administration program by clicking on the Item Layout tab (see below).

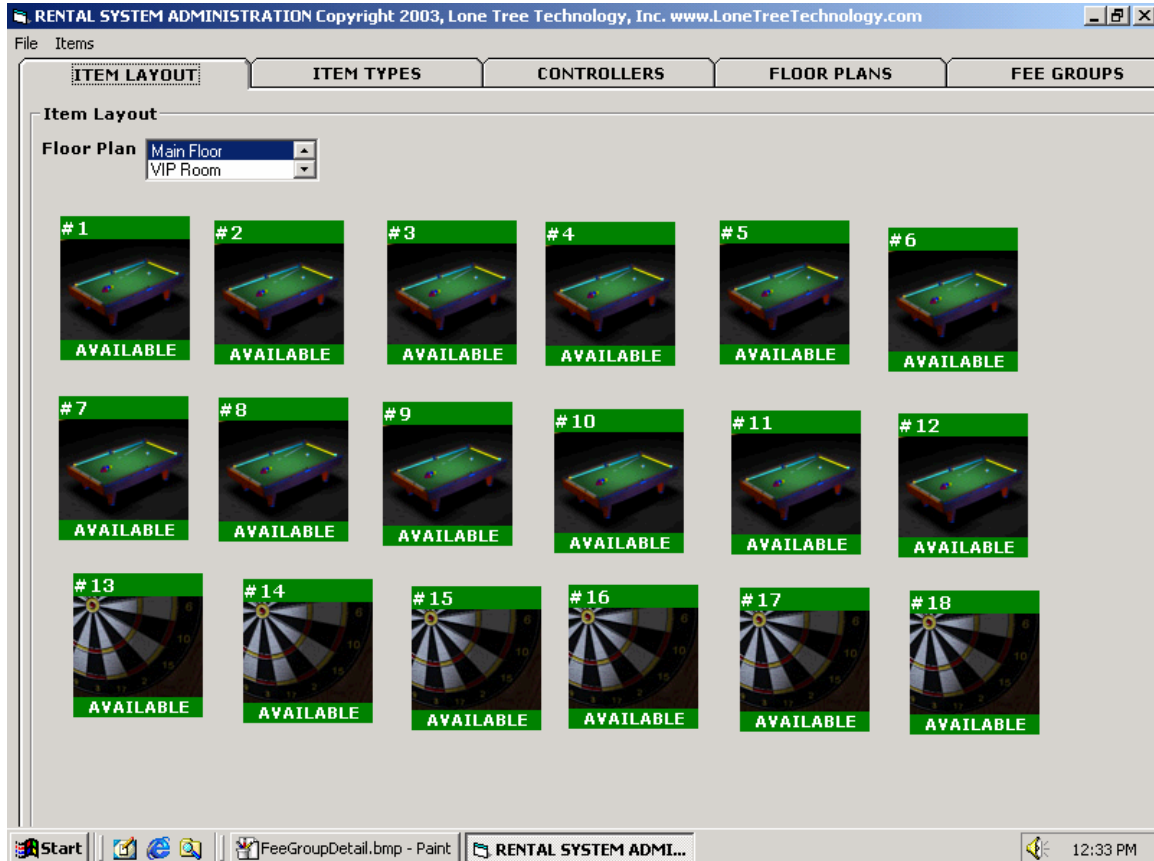


Figure 16 - Item Layout Tab, Rental Sys Admin

2.5.1 Adding an Item

To add an item, from the main menu, select Items->Add Item (see below). An Item Detail Window is displayed.

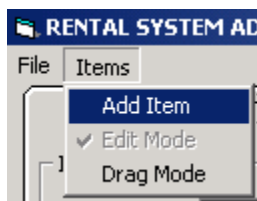


Figure 17 - Add Item

2.5.1.1 Item Detail

Select an item by Clicking on it. NOTE: You cannot see item detail when the software is in DRAG mode. Select Edit Mode prior to clicking on the item will allow the item detail to be displayed (see below).

The screenshot shows a window titled "Item Detail" with the following fields and controls:

- Item:** A text box containing the number "1".
- Item Type:** A pull-down menu currently showing "Pool Table".
- Fee Groups:** A section with two columns: "Selected" and "Available".
 - Selected:** A list box containing "1 - Billiard", "2 - Billiard League", and "3 - Billiard Club".
 - Available:** A list box containing "3-Dart Board League", "1-Dart Board N Darts", "2-Dart Board Only", and "Shuffleboard".
- Floor Plan:** A pull-down menu currently showing "Main Floor".
- Light Control:** A section with:
 - Controller:** A list box with "2" selected and "3" highlighted below it. To its right are "ON" and "OFF" buttons.
 - House Code:** A text box containing "A".
 - Unit Code:** A text box containing "1".

At the bottom of the window are three buttons: "OK", "DELETE", and "CANCEL".

Figure 18 - Item Detail Window

For each item, the following information must be specified:

- **Item Type** - Select an Item Type from the pull down list
- **Fee Groups** - Select the desired Fee Groups for the item from the by double clicking on a fee group in the "Available List". To remove a Fee Group from the Selected list, double click on it.
- **Floor Plan** - Select a Floor Plan from the pull down list
- **Light Control** - If the item is lighted, select a Light Controller, otherwise NONE.

2.5.1.2 X10 Controller Item Light Control Detail

If the item uses an X10 Light Controller, you must also specify the HOUSE CODE and the UNIT CODE from the actual X10 Module that controls the light for this item.

Use the ON/OFF functions to verify that the lights are working correctly.

2.5.1.3 LTT 2205 Controller Item Light Control Detail

If the item uses an LTT 2205 Light Controller, you must also specify the Relay # from the LTT 2205 board that is physically wired to the item's light.

Use the ON/OFF functions to verify that the lights are working correctly.

2.5.2 Moving an Item

To change the position of items on the floor plan, from the main menu, select ITEMS->DRAG MODE. When Drag Mode is activated, items can be moved on the floor plan by clicking on the item and it dragging (with mouse key pressed down) to the desired location.

NOTE: To obtain maximum accuracy when moving an item, move the item while clicking on the Upper Left Hand corner of the item.

2.5.3 Drag Mode vs. Edit Mode

When using Drag Mode, new items can be added, but existing items cannot be edited. To edit an item, from the main menu, select ITEM->EDIT MODE. Clicking on the item will allow it to be edited.

2.6 RentalSys.Ini Configuration Options

The RentalSys.Ini file (previously LTTCHECKINOUT.INI) is located in the LTTDB directory on the Aloha Back of House Server Machine. This file provides several system configuration options.

Use Notepad or a similar program to edit this file.

Reboot all terminals that have the Rental System installed after changing this file.

2.6.1 Fee Rounding

To round fees, set the **ROUNDFEES** parameter to TRUE.

If set to TRUE, the program will Round Player fees to the value specified by the **ROUNDTO** parameter, which is specified in pennies. For example, if ROUNDTO is set to 25, Player fees will be rounded to the nearest quarter.

2.6.2 Item Ordering

To control whether items placed on the check by the Rental System are ordered by the Rental System, use the ORDERITEMS parameter. Setting this parameter to FALSE will disable the Rental System from Ordering the Item.