

RESTAURANT MANAGEMENT SYSTEM

INTRODUCTION

The restaurant management system is a multi-user Windows based application software that addresses the needs of a Multi – P.O.S restaurant / Bar. The package has been is designed keeping in mind the Billing activities of a Hotel industry.

Conventional packages that exist suffer from platform constraints typically DOS that does not allow multi-user features and design constraints, which do not allow the flexibility to alterations. Also the future upgrade-ability of these packages is negligible. To that extent we have conceived the current application on open-ended design considerations and are attempting scalability.

FEATURES

- **Entry and printout of KOT** for kitchen
- **Cash and credit bill generation** and printout
- **Discount and complimentary bill** generation and printout
- Report on bills
- Daily, periodic and monthly sales and other reports
- Display and printout of **popularity chart**
- Display and **printout of menu card**
- Creation, maintenance and **tracking of customer information**
- **User customizable** system and operational configuration settings
- Flexible **user configurable tax structure** and calculations
- Program access control, **data security, data backup** and clearing of database

- **Multi-User** Several users can use Software on several machines simultaneously. All these users can perform various tasks simultaneously.
- **User Friendly GUI** Environment Screen & interfaces are developed in Graphical User Interface environment. Users can learn the software in minimum number of days because of the user-friendliness of software.
- **Mouse & Keyboard Driven** - You can operate Software by using mouse as well as keyboard shortcut keys are helpful for fast accessing.
- **Secured Administrator** can allocate privileges to number of users & all these users must have to work in the frame decided by the administrator. No user is allowed to work in any other section prevented by the administrator. Administrator can administrate software easily for its different modules.
- **Easy Search** It is very easy for the user to find out any record depending upon any field on the form. Also user can navigate through records sequentially, for all records or on search results.
- **Grouped Results** In several reports grouping is done for getting results of that particular group like different Item Category, etc.
- **Password Protection Database & overall software** is password protected hence no one can use it directly without password.
- **Perfect Report Formation** Every report is well formatted so that user can understand it easily. Parameter values make report more efficient, well-formatted & quick result.
- **Backup Facility** In addition to the other capabilities, Software has special capability of Backing up your most Valuable data to prevent the accidental deletions or data loss.
- **The Interactive Table Manager** allows user to see the occupied and the empty tables in the KOT module itself.

- **Add items in bill with both names or item codes-** Makes it easily adaptable for conventional DOS users who are accustomed with adding items with item codes.

It also enables you to **process your billing accurately**, irrespective of the complexities of orders. The Billing is designed for food cost for each menu item, enabling you to handle any pricing structure.

Technical Information:

Front End	Microsoft Visual Basic 6.0
Back End	Microsoft Access 2000
Operating System	Windows 95, 98, NT or 2000.

SCREEN SHOTS

The screenshot displays the 'Restaurant Software - [Bills]' application window. At the top, there is a menu bar with options: Masters, Bill, View Bill, Reports, Customer Labels, Exit, and Re-Index. Below the menu is a 'BILL' header section containing various input fields: KOT No. (8), KOT Date (19/07/2005), KOT Time (2:34:39 PM), Table no. (9), Waiter no. (0), Customer (433), Name (ANJEET SINGHCHUGH), Address (D-969,, NEW DELHI), Covers (0), and Discount%.

Below the header is a table with columns: Item, Rate, ICode, Sno., Item, Qty, Rate, Amt, Tax@, T Amt, and KOT. The table contains two rows of data:

Item	Rate	ICode	Sno.	Item	Qty	Rate	Amt	Tax@	T Amt	KOT
ACHARI TIKKA	37.00	5119	121	ANTIQUITI 30 mL	1	35.00	35.00	0.00	35.00	5
AERATED WAT...	7.00	5282	118	KING FISHER BEER...	2	55.00	110.00	0.00	110.00	7

Below the table is a summary section with fields for Rec. Amt (10.00), INR (440.00), Balance (295.00), Amount (145.00), Discount (0.00), Tax (0.00), and Grand Total (145.00). There are also buttons for PRINT, GENERATE, and Quit. A 'Symbols' section on the left includes checkboxes for Occupied Tables (green), Current Transaction (red), and Empty Tables (white). A table management grid at the bottom shows 20 numbered cells, with cell 1 highlighted in green and cell 9 highlighted in red. A red oval highlights the grid, and a red arrow points from the caption below to the grid.

At the bottom of the window, there is a status bar with the text 'F11 to Print and F12 to Generate' and a taskbar showing the Start button, several application icons, and the system clock (2:54 PM).

Interactive Table Management

Restaurant Software - [Bills]

Masters Bill View Bill Reports Customer Labels Exit Re-Index

BILL

KOT No. 8 KOT Date 19/07/2005 KOT Time 2:34:39 PM Table no. 9

Waiter no. 0 433 Name: ANJEET SINGHCHUGH Address : D-969,, NEW DELHI, Covers 0

Customer 433 Discount%

Item Quantity Price OK

Item	Rate	ICode	Sno.	Item	Qty	Rate	Amt	Tax@	T Amt	KOT
ACHARI TIKKA	37.00	5119	121	ANTIQUITI 30 mL	1	35.00	35.00	0.00	35.00	5
AERATED WAT...	7.00	5282	118	KING FISHER BEER...	2	55.00	110.00	0.00	110.00	7
ALOO KHEER...	16.00	5149								
ALOO ZEERA	37.00	51072								
AMAZZINO	42.00	146								
AMERICAN CH...	58.00	51054								
ANTIQUITI 30 ...	35.00	121								
ARISTOCERT ...	13.00	134								
BABY CORN &...	58.00	51040								
CACARDI BRE...	70.00	191								

Rec. Amt 10.00 USD (\$) INR 440.00 Balance 295.00

Amount 145.00 Discount 0.00 Tax 0.00 Grand Total 145.00

PRINT B No.: 8 GENERATE

Quit

Total Sale: 850.90

F11 to Print and F12 to Generate

Start Restaurant - Micro... inv : Database Restaurant - Micro... Restaurant Soft... 2:54 PM

Selection of items by both item code and name

Restaurant Software - [Bills]

Masters Bill View Bill Reports Customer Labels Exit Re-Index

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BACARDI BRE...	70.00	191								

Rec. Amt 10.00 USD (\$) Amount 145.00 PRINT

INR 440.00 Balance 295.00 Discount 0.00 B No.: 8 GENERATE

Tax 0.00

Cash Credit Card Grand Total 145.00 Quit

Total Sale: 850.90

F11 to Print and F12 to Generate

Start Restaurant - Micro... inv : Database Restuarant - Micro... Restaurant Soft... 2:54 PM

Multiple KOT Separated by color-coding

Restaurant Software - [Bills]

Masters Bill View Bill Reports Customer Labels Exit Re-Index

BILL

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 Customer 433 Discount%

Item Quantity Price OK

Item	Rate	ICode	Sno.	Item	Qty	Rate	Amt	Tax@	T Amt	KOT
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Rec. Amt 10.00 USD (\$) INR 440.00 Balance 295.00

Amount 145.00
 Discount 0.00
 Tax 0.00
 Grand Total 145.00

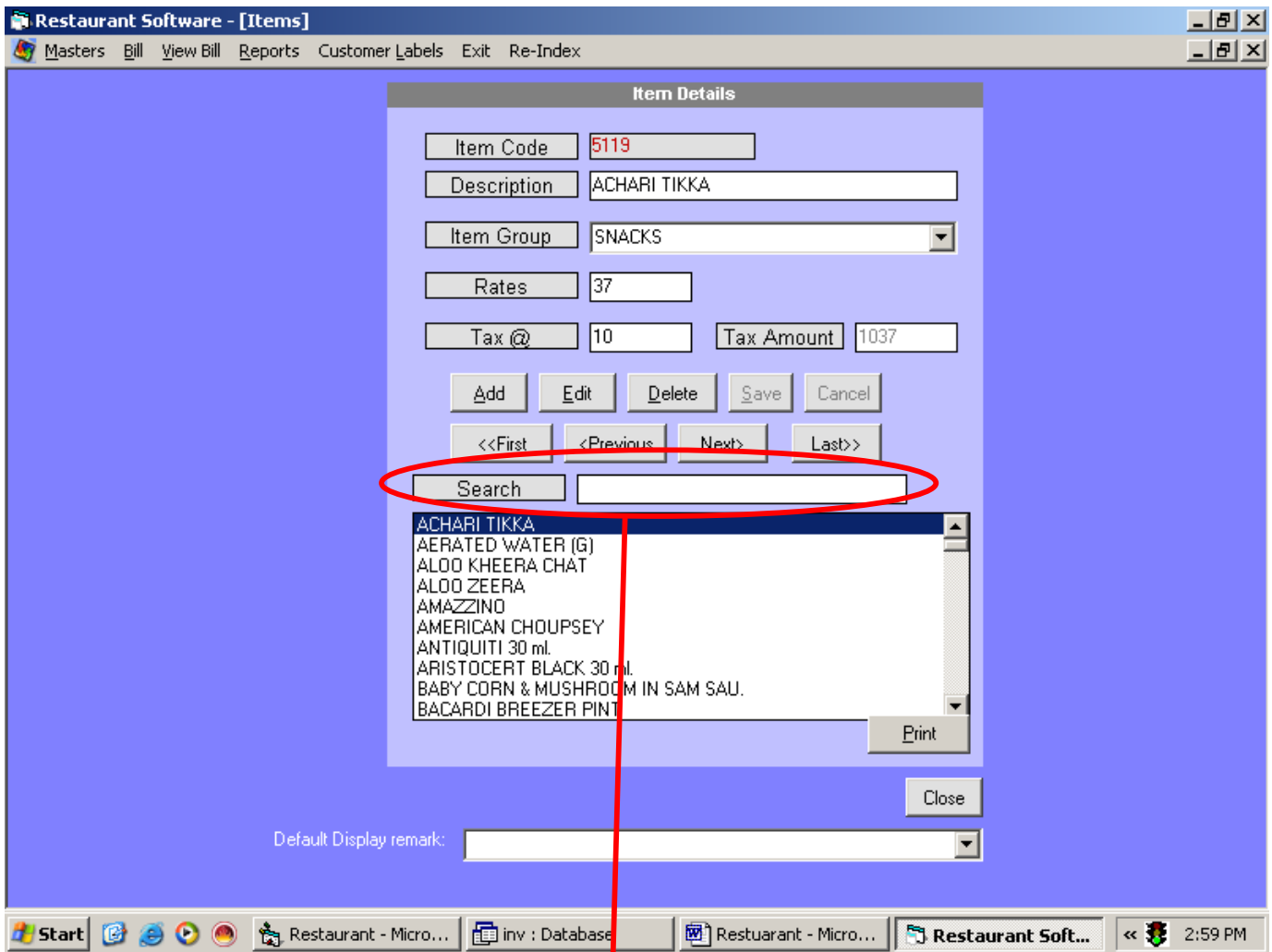
PRINT
 B No.: 8
 GENERATE
 Quit

Total Sale: 850.90

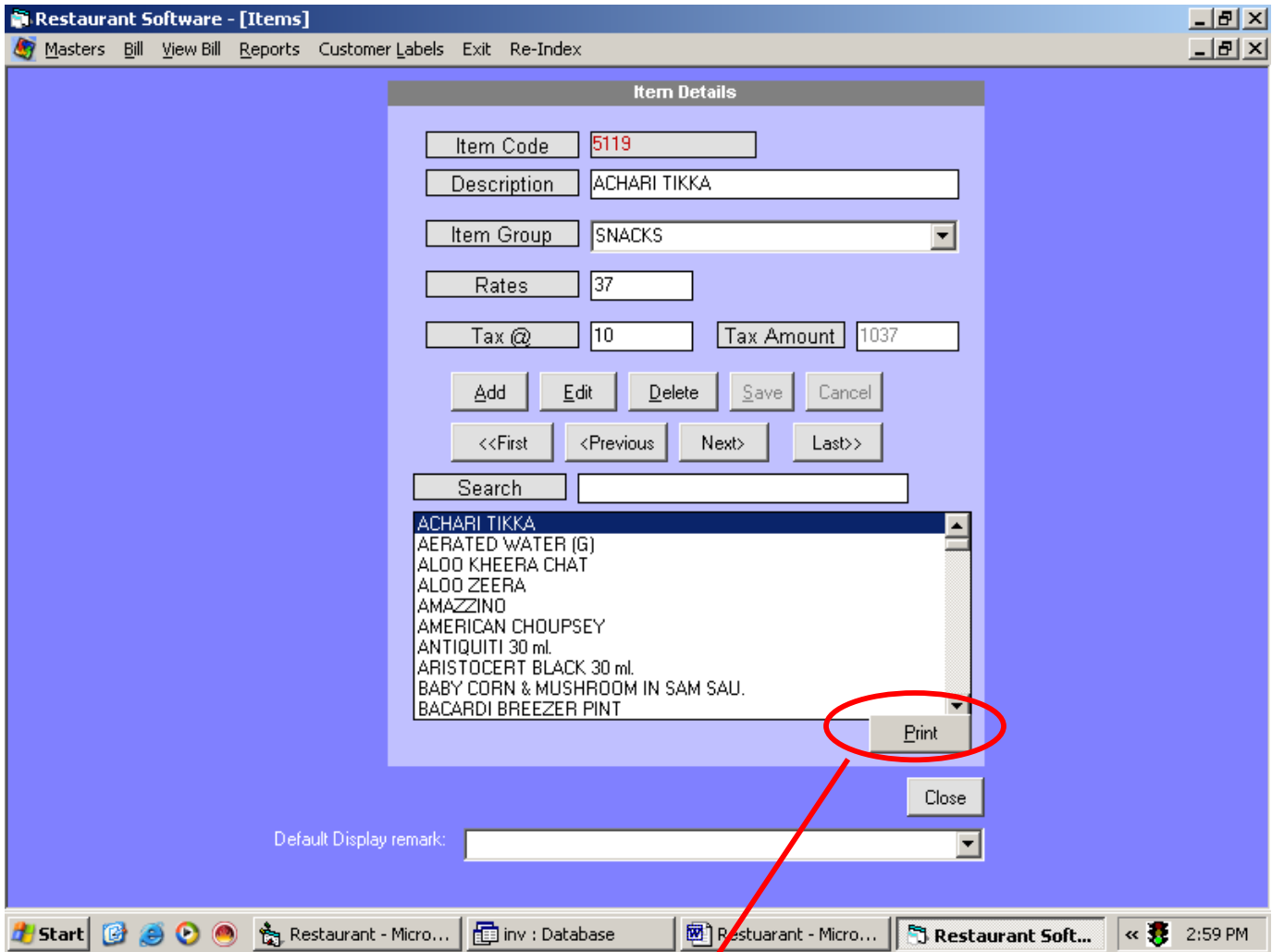
F11 to Print and F12 to Generate

Start Restaurant - Micro... inv : Database Restuarant - Micro... Restaurant Soft... 2:54 PM

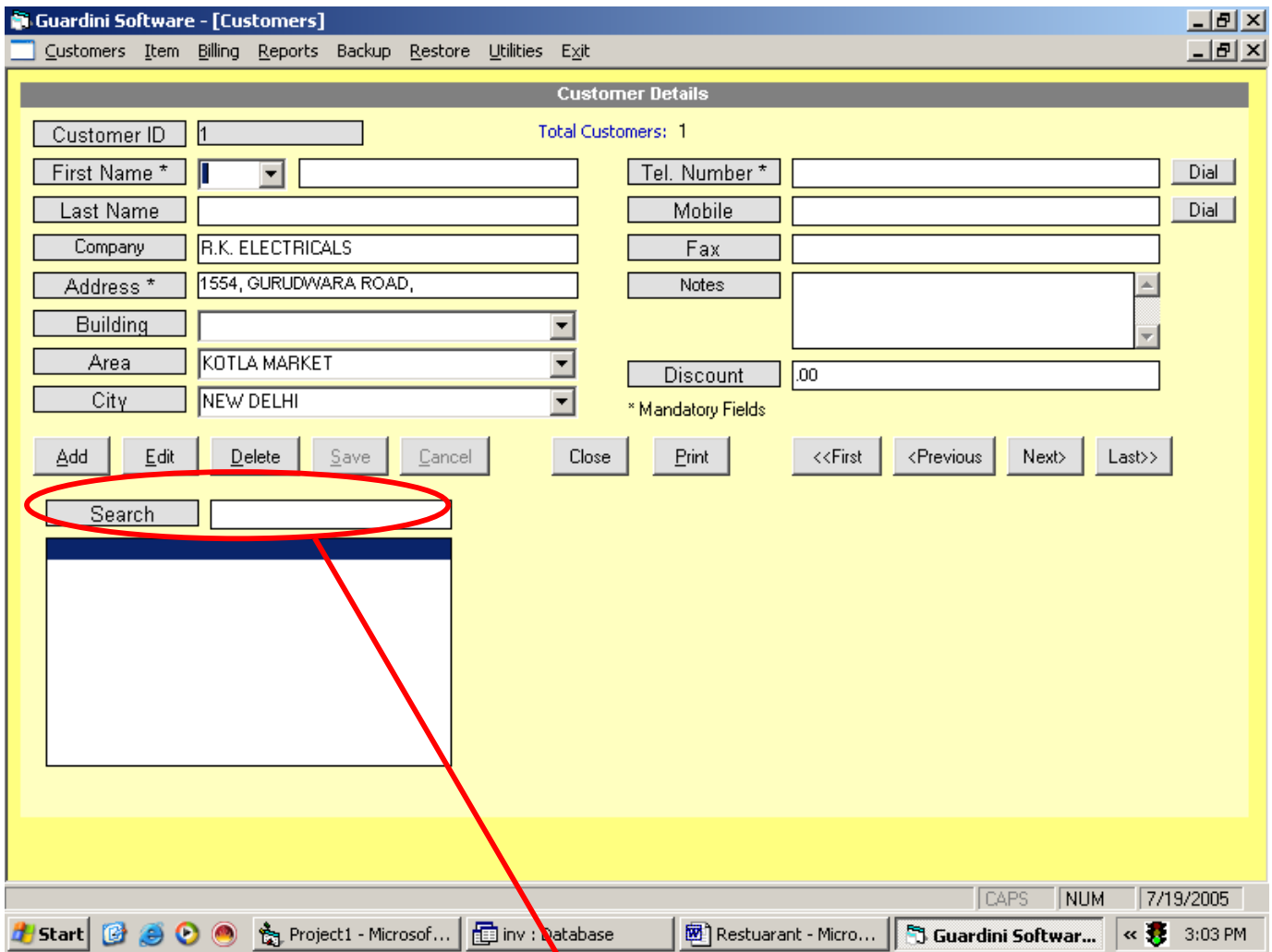
Multiple Currency Management



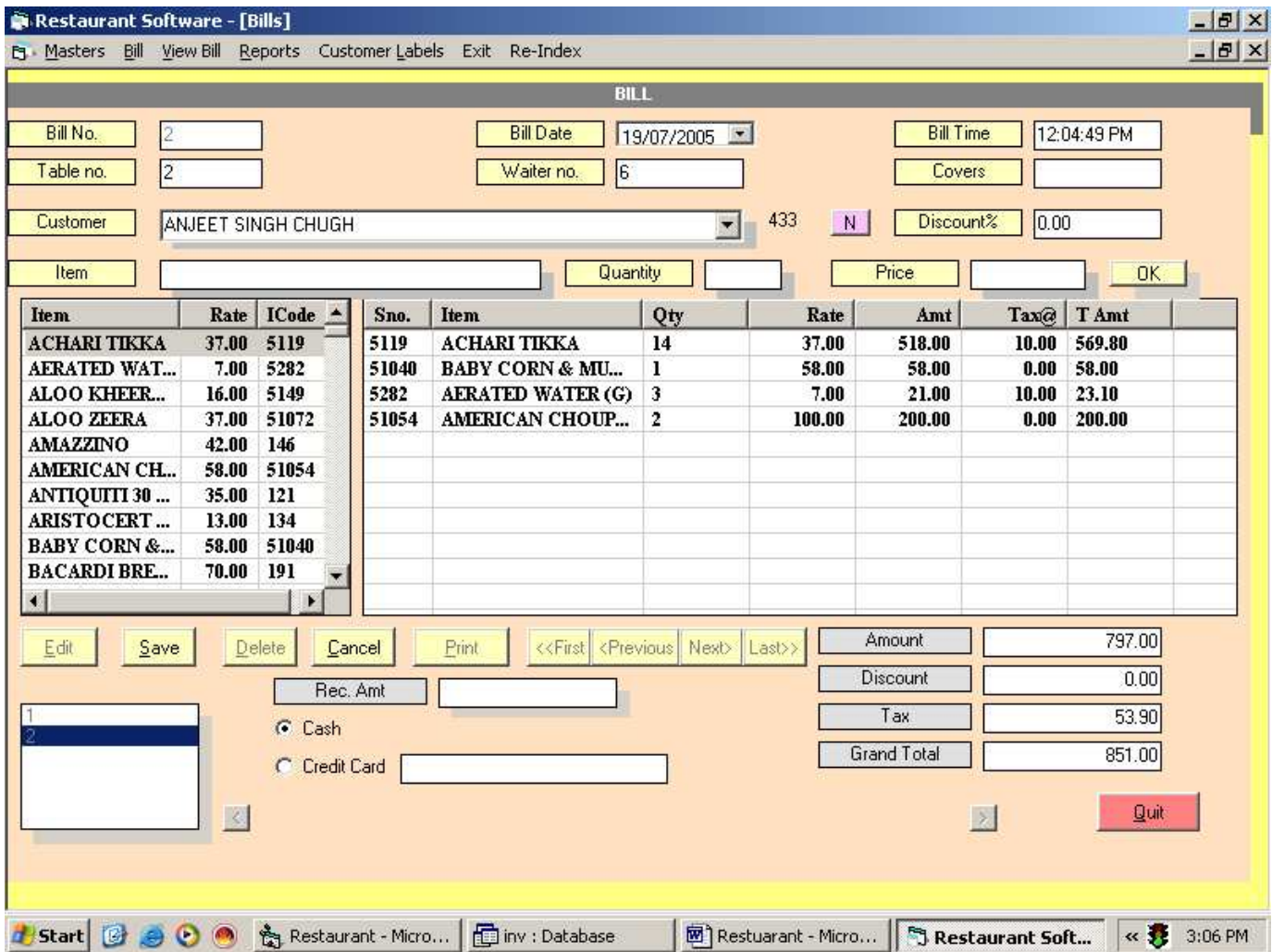
Interactive Search for easier searching



Take Direct Printout of the Rate List



Search using any field (key word match for addresses)



Separate module for viewing and editing the generated bills