VALET SOFTWARE - Description

Electronic Solutions & Services Est.

1 BRIEF OVERVIEW ABOUT THE SOFTWARE:

The software is designed and developed to fit any Valet Parking Company. (Details in part 2 of this document).

The software is developed using the latest technology in designing, Development and Database data storage.

Technology used:

- VB.net 2010 using the latest components like infrajistics 2012, component one 2011 and Telerik 2012 which allow the software to be more flexible and friendly user interface.
- Data base engine SQL server 2008 which allows multi users with different privileges to access the data and read/write any specific record saved on the server and it can be accessed from one PC or other PCs through network.

Advantages:

- Save very large number of data more than 3,000,000 records
- Very fast loading and get the data
- Multi users
- Friendly user interface
- Easy to learn
- Used on different operating system(s)
- Minimal hardware requirements
- **Flexible can be updated at any time without affecting any information ***

* The update means for any new requirement nothing will affect your data, it will be appended normally. Any new update “requirement not listed in the part 2 of this document” an extra charge will be added, after both sides approval.

2 SOFTWARE STRUCTURE & MODULES

- **Administrator / Multi users**
  - Administrator
    - You can create from one to many admin users
    - Full privilege
    - Can search, edit and delete any record already saved in the system
    - Keeps user's logging history
  - User/Normal user
    - You can create from one to many normal users
    - Each one has its own privileges
  - Users logging/History
    - Date login
    - Date log out
    - All the steps done by each Normal user and Administrator
    - Each user has its own log
  - Only the admin can check the log for each user
  - The admin cannot edit or delete any previous logging record for any type of user (for security reasons)
- **Cards**
  - Manage cards
    - Read card id from "Roger Card Reader" or any Access point
  - Save in to card data base
  - Date saved
  - Assign client (if any)
  - Card ID
  - Card created date
  - Card expiration date

- **Client**
  - Manage client
    - Client name
    - Client address
    - Client phone number
    - Client car
    - Select amount type (details later)
    - client amount (remain balance)
- **client's history**
  - view all transactions
    - date
    - time
    - date in
    - date out
    - transaction balance
    - client's payments
    - client's balance
    - print account statement
    - print invoice
    - print receipt
    - search by date (from – to)
  - view all previous transactions

- **Cards history**
  - View by card ID
  - View all card transactions
  - View all the payments
  - View balance (if any)
  - Search by date (from – to)
  - View all previous transactions
  - Print report
  - Print invoice
  - Print receipt

- Assign to a client

- **Daily history**
  - View daily transactions
    - Grouped by card ID or/and client name
  - Print summary daily report
  - Printed by user ID (employee or admin)
  - view total cash balance
  - view total debit
  - search by date to view previous daily records
- **close your day**
  - close your day button in order to close previous day and start a new day
- **expenses**
  - expenses type
  - expenses name
  - expenses balance
- **expenses history**
  - your payments history
    - date
    - amount
    - balance
  - print statement
  - view all previous expenses records and payments (search by date)
  - paid by user ID
- **suppliers**
  - manage suppliers
    - name
    - address
    - phone number
    - balance

- **suppliers history**
  - view all your orders
  - view all your payments

- view all your orders invoices
- print your account statement
- view previous orders (search by date)

- **statistical reports**
  - search by date
  - report by user ID
  - report by date
  - report by client
  - report by card
  - ALL statistical reports show the summary of the transactions amount and count
- **Invoice log**
- **Receipt log**
- **Transaction record details**
  - Date
  - Date/Time in
  - Date/Time out
  - Calculated amount (details later)
  - Difference in time out – time in * amount
  - Client name
  - Card ID
  - User ID and name
  - Paid or not paid
  - Balance
- **CASH IN/OUT**
  - On payment
    - The user enters the amount given
    - The system automatically generates and shows the return money amount
  - Shift out
    - When user's logout the system
    - New record is generated shows:
    - Auto calculated transactions prices

    - Assign to the new user (means the amount will be given to the new user for a new shift)
    - OR assign to the ADMIN (means the amount will be given to the assigned admin)

- **Manage amount**
  - Hourly basis
  - Monthly basis
  - Daily basis
  - Extra charge
  - The calculation of the transaction's price is based on the above prices
- **Summary report**
  - Search by date
  - Calculate all the income money
    - Shown in details
  - Calculate all the expenses
    - Shown in details
  - Calculate all the suppliers payments
    - Shown in details
  - Calculate the difference and shows an ESTIMATED PROFIT AMOUNT
- **Manage Hardware signals – Main configuration**
  - This configuration is mainly done once on each station/new location
  - Connect the roger card reader to the software / Connect the "Access point" to the software.
  - Send signal when read card and after system validation
    - Check if the date of the card is less or equal to the expiration date given by the administrator
    - Send an open signal to the "Access point" to open.
    - Else shows an ALERT to the system
  - OPEN/CLOSE signal to the "Access point" from the system