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| INPUT ZERO TECHNOLOGIES PVT LTD |
| System Requirements |
| SRS |
|  |
| **vgupta** |
| **12/13/2014** |

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# Overview

This document is written about the concepts required in the system

# Requirements

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| --- | --- |
| Sno | Description |
| Value List(VL) | System needs capability to have reusable menus. Menus could be read from any other form which has a list. It will be necessary to define form from which it is read and value and alias it will display. This could then be attached to any field by just mentioning the menuID. |
| Value List form | This form will contain following fields.   |  |  | | --- | --- | | ID | unique index | | Name | name of VL | | Source | Source form select. Shows list from config | | Filter | criteria for picking up | | value | field Name( show list based on source) | | alias | field Name( show list based on source) | |
| Attach Value List | To attach a value list to a field the field type must be “list”  and value list Id must be updated in optid of field\_option |
| PDF Generation | System needs to generate PDF documents for various purpose. This should have ability to display on the screen in html format and also in PDF in document along with Logos.  The standard Header and Footer PDF should be applied on all the below PDFS so divide PDFs in 3 sections Header, main and Footer.  Mostly Header and footer format might be reusable but Main section could contain data from different table. |
| Salary Slip PDF | Salary slip should be generated in the PDF format. The data will be fetched from the payroll table |
| Invoice PDF | Invoices should be generated in PDF format. The data should be fetched from the Invoice table and another table which will hold the invoice items |
| YTD Slip PDF | Year till date Slip will be egenrated from YTD table and could also be stored in PDF format |
| PF Slip | This slip will store all the data for PF deducted and also deposited by IZT in persons account of PF |
| Salary Processing | Excel sheet upload or manual entering of data should be done to run payroll.  Data details in 2.3.1  After doing Open payroll users should get ability to generate the salary for the person in payroll table.  Also there should be an option to review |
| Open Payroll | After the excel upload or manual filling of above data   |  |  | | --- | --- | | Name | description | | Days | no of days worked in the month | | laptop\_allowance | if applicable | | med\_reimbursement | If bills provided max of 1250 | | arrear\_income |  | | on\_call\_allowance |  | | arrear\_deduction |  | | night\_shift |  |   Open payroll button when clicked should run payroll for the chosen month.  Validation:  Once payroll is run it cannot be rerun for the same person for the same month.  Once it is closed it cannot be updated in the payroll table.  If the payroll is open no new payroll can run.  Only one payroll at a time. |
| Tax Slab configuration | Tax slabs should be configurable in the tax slab table. With their start and end date for a financial year and rate and slab for which they are valid |
| Transaction | When the payroll is open transaction table shoud have list of all people with the payroll id being run and the status of run.This should now not be update din master table. After payroll is run it should be closed |
| Close Payroll | Close Payroll link should take to the payroll table for that particular month for which the payroll is open. Person should be able to review the records and modify any record if necessary. Once he she clikcks close payroll button then payroll status should be closed in the transaction table and no one can further modify anything for that payroll. |
| Ytd(year till date) | In the ytd section person should be able to see monthwise salary components breakup given to him and also the total for the same in the current year starting from April of that year to current month. |
| Declaration | The declaration table should record persons tax savings in various schemes for this year. A standard format can be taken from HR.  This should also include HRA declaration monthwise for the person |
| Accounting | All the banks statements will be maintained and uploaded in accounting |
| Ledgers | For every person and company a ledge would be open |
| Groups | For every Ledger there will be a grouping available under various heads. Group needs to have category of creditor and debitor |
| Reporting | Reporting needs to be done on individual Ledgers and Groups |
| Mail Notification |  |
| Mail Template | For each mail message to be sent we can have mail templates predefined with messages.  Fields that need to be picked up dynamically will be added with special convention of ^^ and ^^ start and end. |
| Mail Queue | Mail messages will be inserted in the mail queue table and can then be processed from there to be sent. |
| TMS Integration | Based on no of hours filled by the person in his timesheet his attendance be calculated.  Rules should be as follows  >Weekly hours be > 45 hrs. Less than that be considered half day or full day absence.  >Non billable hours in whole month amounting to CL and EL be considered as attendance.  >Based on non billable hours other than CL and EL workdays will be considered in the month. |
| Workflow | Workflow components must be available to do the following on click on buttons on each page/form.  Workflow to HTML element mapping will be available to be done in a table. |
| getValues | -Should get values form a table based on criteria  -assign them to fields on current screen |
| putValues | -Send values from current form/table to another table form based on a criteria  -map these current fields to target fields on another table |
| setValues | -assign value of one field to another and also do operations on them like  -Mathematical calculations  -String operations  -Some standard functions be provided |

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