

# Space Kitchen

## Modules: Transactions, Masters, Account Masters

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# Overview

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# Introduction

- SpaceKitchen Architects and Interiors is the best home designers and architects in Kerala with a record of more than 770 projects implemented successfully in South India.
- They are focusing on kitchen cupboard, bedroom and bathroom interior works etc.
- The developing application is a construction management and billing software.

# Existing System

- Their existing system is a manual one.
- The main drawback of the existing one is the error rate .
- The system does not support automatic estimated cost calculation.
- The work have to be noted down in some register and also taking care of that document.
- Time wastage.

# Proposed Method

Proposed method includes :

- Provision for entering the details of new project.
- Based on the requirements of client we can calculate the estimated cost.
- We can convert a new project to quotation after the approval of client so the particular project entry is deleted from the project master table.
- We can purchase the products for specific project.
- Masters maintain the details of state,supplier,project and work master.
- Provision provided for treating different queries/request from same users as different project.
- This application manages the accounting section.

## 1 Transactions:

- This module deals with quotation preparation.
- Here each work order is treated as a new project and quotation is prepared.
- The main advantage of quotation preparation is that, system will generate the estimated cost and report.
- The other task in this module is project wise purchase. Based on the requirement products are purchased from suppliers.

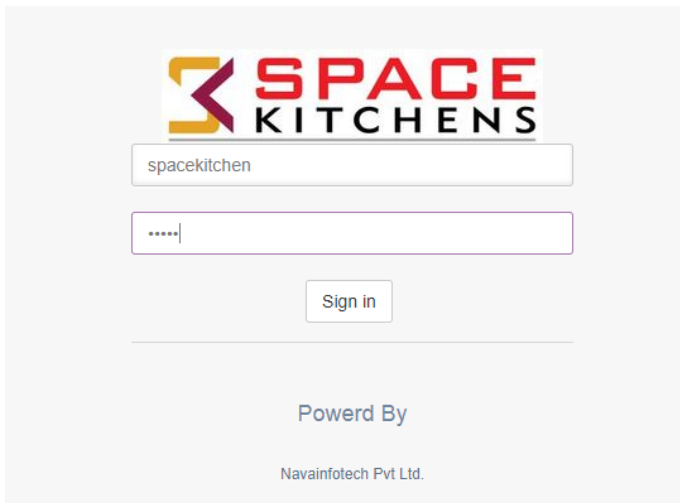
## 2 Masters:

- Masters modules mainly deals with maintain master table.
- Here I am working with state, supplier, project and work master.
- When a new enquiry comes to space kitchen, they treat it as a new project.
- There should be given a provision for adding project details. This is done by project masters.
- If more than one enquiry comes from same client that should be add as two projects.
- Supplier master keeps the record of supplier details. State master contain the details of states.

### 3.Account Masters

- The main application of this module is to calculate and display the liabilities of company towards outside. In order to that here we prepare ledger group, ledger and bank.





The screenshot shows a login page for Space Kitchens. At the top is the logo, which consists of a stylized 'S' made of yellow and red geometric shapes, followed by the text 'SPACE KITCHENS' in red and black. Below the logo is a text input field containing 'spacekitchen'. Underneath that is a password input field with five dots and a cursor. A 'Sign in' button is centered below the password field. A horizontal line separates the login section from the footer. The footer contains the text 'Powerd By' and 'Navainfotech Pvt Ltd.'.

**SPACE KITCHENS**

spacekitchen

.....|

Sign in

---

Powerd By

Navainfotech Pvt Ltd.

Figure: Login

## Add State

State Name\*

Tamilnadu

Code

33|

Cancel

Reset

Submit

Figure: State adding



## State

Success  
State added successfully

Keyword

Search

Reset








| Sl. No. | State Name | State Code | Action  |
|---------|------------|------------|---|
| 1       | Kerala     | 32         |    |
| 2       | Tamilnadu  | 33         |    |

Figure: State listing



### Edit State

State Name\*

Code

Figure: State editing

## View State

State Name    Tamilnadu

Code        33

Cancel

Figure: View state

## State

Keyword

Search

Reset

| Sl. No. | State Name | State Code | Action  |
|---------|------------|------------|---|
| 1       | Kerala     | 32         |    |

Figure: Search

### Add Project Master

Project Name\*

Anju

Contact Person \*

Anju

Contact Number\*

9846578638

State\*

Kerala

Address \*

Sabarypolkayil(h)  
vaipur PO vaipur

Pin Code \*

689588

Cancel

Reset

Submit

Figure: Add

## Edit Project Master

|                  |  |
|------------------|--|
| Project Name*    | <input type="text" value="Anju"/>                                  |
| Contact Person * | <input type="text" value="Anju"/>                                  |
| Contact Number*  | <input type="text" value="9846578638"/>                            |
| State*           | <input type="text" value="Kerala"/>                                |
| Address *        | <input type="text" value="Sabarypoikayil(h)/r/nvaipur PO vaipur"/> |
| Pin Code *       | <input type="text" value="689588"/>                                |

Cancel

Reset

Submit

Figure: Edit



## View Project Master

---

|                |                                       |
|----------------|---------------------------------------|
| Project Name   | Anju                                  |
| Contact Person | Anju                                  |
| Contact Number | 9846578638                            |
| State          | 1                                     |
| Address        | Sabarypoikayil(h)\r\nvaipur PO vaipur |
| Pin Code       | 689588                                |

---

Cancel

Figure: View

## Project Master

Success  
Project Master deleted successfully

Keyword

Search

Reset

| Sl. No. | Project No.  | Project Name            | Contact Person              | Contact Number | Address   |
|---------|--------------|-------------------------|-----------------------------|----------------|---|
| 1       | SK-2018-001  | Test                    | Sunish                      | 9858475848     | Test G  |
| 2       | SK-2018-002  | Madhusudhan Nair        | Madhusudhan Nair            | 8010035188     | Puthenpurackel , Veliyannur P.O, Kottayam                           |
| 3       | SK-2018-003  | FR. PAUL PEECHIYIL      | FR PAUL PEECHIYIL           | 9747201077     | PEECHIYIL HOUSE, KARIMAPANA P.O, PALAKUZHA                          |
| 4       | SK-2018-004  | JEEMON BABY             | JEMMON BABY                 | 71503295281    | VADAKKEKUNNUMMEL HOUSE AROOR, ARAKUZHA, MOOVA                       |
| 5       | SK-2018-005  | DINU                    | DINU                        | 009645900243   | Ittiyachanparambil House, Onakkoor P.O Pampakuda, Periyappuram      |
| 6       | SK-2018-006  | Kurumuloor              | Vinod                       | 9447809324     | Appanchira, Poozhickel, Kottayam                                    |
| 7       | SK-2018-007  | Joby                    | Joby                        | 9448156437     | Kaippuzha, Kottayam   |
| 8       | SK-2018-008  | Kunju K.K               | Kunju K.K                   | 9856300287     | kkKIZHAKKEDATHU HOUSE OLIYAPPURAM P.O KOOTHATTUK                    |
| 9       | SK-2018-009  | LIJO                    | Lijo                        | 9856133689     | Malayil House Thuruthipillil Nezhur, Kottayam                       |
| 10      | SK-2018-0010 | Viji Sebastain          | Viji Sebastian              | 71503295281    | Manadapathil House, Vettikattupara, Oliyappuram P.O                 |
| 11      | SK-2018-0011 | Vinod                   | Vinod                       | 9447809324     | Kailasam\`n\`Puzhikkal, Appanchira, Keezhur P.O                     |
| 12      | SK-2018-0012 | Rahul C/o Vikramam Nair | Rahul C/o C/o Vikramam Nair | 9744044650     | Hamsadwani, Thonnaiur, Mevallur P.O                                 |
| 13      | SK-2018-0013 | Mr. Sabu                | Mr. Sabu                    | 04852273781    | Kavanathadathil House, Anchelpetty P.O, Pampakuda                   |
| 14      | SK-2018-0014 | Jini Aji                | Jini                        | 9562853442     | Bueatygold Butyparlor &Tailoring\`n\`Thuruthel Building, Elanji, En |

Figure: List

## Project Master

Success  
Project Master deleted successfully

Keyword

Search

Reset

| Sl. No. | Project No.  | Project Name            | Contact Person              | Contact Number | Address  |
|---------|--------------|-------------------------|-----------------------------|----------------|--|
| 1       | SK-2018-002  | Madhusudhan Nair        | Madhusudhan Nair            | 8010035188     | Puthenpurackel , Veliyannur P.O, Kottayam                |
| 2       | SK-2018-006  | Kurumuloor              | Vinod                       | 9447809324     | Appacnchira, Poozhickel, Kottayam                        |
| 3       | SK-2018-0012 | Rahul C/o Vikramam Nair | Rahul C/o C/o Vikramam Nair | 9744044650     | Hamsadwani, Thonnalur, Mevallur P.O                      |
| 4       | SK-2018-0026 | Parisudham Civil Works  | Managing Director           | 9947100005     | Parisudham Oil Pvt Ltd\r\nKarimapana P.O, Koothattukulam |
| 5       | SK-2018-0028 | Sunny Kezhur            | Sunny                       | 000#           | Vadakkeparambil House\r\nKizhur P.O, Kottayam            |
| 6       | SK-2018-0042 | Eldhos Oyar             | Eldhos Oyar                 | 9847725106     | Oyar, Palakuzha  |

Figure: Search

|    |              |                    |           |                |  |
|----|--------------|--------------------|-----------|----------------|--|
| 38 | SK-2018-0038 | Peter A.T          | Peter A.T | 00447804755735 | Azheekkal House, Cherthala P.O, Elanji                 |
| 39 | SK-2018-0039 | Saju Velamparambil | SAJU      | 9447809015     | Velamparambil House\l'nAppamchira. P.O Kaduth Kottayam |
| 40 | SK-2018-0040 | Vineeth            | Vineeth   | 9645758811     | Mulloor House, Janatha Jn,Elanji, Emakulam             |
| 41 | SK-2018-0041 | Anoop              |           |                | Idakkattumayal, Arakunnam                              |
| 42 | SK-2018-0042 | Eldhos Oyar        |           |                | Oyar, Palakuzha  |
| 43 | SK-2018-0043 | Thulaseedharan     |           |                | Thaliyakadavil House, Thalayazham P.O, Vaikkam         |
| 44 | SK-2018-0044 | Binu               |           |                | Idadukkara, Thirumarady                                |
| 45 | SK-2018-0045 | K.V Mathew         |           |                | Idochuparambil, Kezhur P.O, Rajan Kavala               |
| 46 | SK-2018-0047 | Laiju John         |           |                | Idadakkavu Haigway Arakunnam                           |
| 47 | SK-2018-0048 | Anand T.k          | Anand T.K | 9847482880     | Thadathil House, Monippilly P.O, Kottayam              |
| 48 | SK-2018-0049 | Anju               | Anju      | 9846578638     | Sabarypoikayil(h)\l'n\vaipur PO vaipur                 |



## Are you sure?


You will not be able to recover this record!

Cancel

Yes, delete it!

Figure: Delete

|    |              |                    |           |                |  |
|----|--------------|--------------------|-----------|----------------|--|
| 38 | SK-2018-0038 | Peter A.T          | Peter A.T | 00447804755735 | Azheekkal House, Cherthala P.O, Elanji                   |
| 39 | SK-2018-0039 | Saju Velamparambil | SAJU      | 9447809015     | Velamparambil House\r\nAppamchira. P.O Kaduthur Kottayam |
| 40 | SK-2018-0040 | Vineeth            | Vineeth   | 9645758811     | Mulloor House, Janatha Jn,Elanji, Emakulam               |
| 41 | SK-2018-0041 | Anoop              |           |                | Edakkattumayal, Arakunnam                                |
| 42 | SK-2018-0042 | Eldhos Oyar        |           |                | Oyar, Palakuzha  |
| 43 | SK-2018-0043 | Thulaseedharan     |           |                | Thaliyakadavil House, Thalayazham P.O, Vaikkam           |
| 44 | SK-2018-0044 | Binu               |           |                | Madukkara, Thirumarady                                   |
| 45 | SK-2018-0045 | K.V Mathew         |           |                | Kochuparambil, Kezhur P.O, Rajan Kaval                   |
| 46 | SK-2018-0047 | Laiju John         |           |                | Madakkavu Haigway Arakunnam                              |
| 47 | SK-2018-0048 | Anand T.k          | Anand T.K | 9847482880     | Thadathil House, Monippilly P.O, Kottayam                |
| 48 | SK-2018-0049 | Anju               | Anju      | 9846578638     | Sabarypoikayil(h)\r\nvaipaur PO vaipur                   |



**Deleted!**

Your record has been deleted.

OK

Figure: Delete

## Add Supplier

|               |   |
|---------------|---|
| Branch*       | SPACE KITCHENS ▼                            |
| Name*         | Boards India                                |
| GSTIN         | 32BOCPR5942H2ZV                             |
| State*        | Kerala ▼                                    |
| Address *     | Boards India\nPerumbavoor, Emakulam, Kerala |
| Contact No. * | 08048981718                                 |
| Email Address | boardsindia@gmail.com                       |

Cancel

Reset

Submit

Figure: Add

### Edit Supplier

Branch\*

SPACE KITCHENS

Name\*

Boards India

GSTIN

32BOCPR5942H2ZV

State\*

Kerala

Address \*

Boards India\r\nPerumbavoor, Ernakulam, Kerala

Contact No. \*

08048981718

Email Address

boardsindia@gmail.com

Cancel

Reset

Submit

Figure: Edit

## View Supplier

|                      |  |
|----------------------|--|
| <b>Branch</b>        | SPACE KITCHENS                                 |
| <b>Name</b>          | Boards India                                   |
| <b>GSTIN</b>         | 32BOCPR5942H2ZV                                |
| <b>State</b>         | Kerala   |
| <b>Address</b>       | Boards India\r\nPerumbavoor, Ernakulam, Kerala |
| <b>Contact No.</b>   | 08048981718                                    |
| <b>Email Address</b> | boardsindia@gmail.com                          |

Cancel

Figure: View



## Supplier

Select State ▼

Keyword....

Search

Reset

| Sl. No. | Branch         | Supplier                | GSTIN           | Contact No.  | State  | Email                     |
|---------|----------------|-------------------------|-----------------|--------------|--------|---------------------------|
| 1       | SPACE KITCHENS | Prince Glass & Plywoods | 32AHMPA2274M1ZD | 04844070255  | Kerala | princeglassandplywoods@gr |
| 2       | SPACE KITCHENS | Polyon Industries       | 32AAQFP3527R1ZL | 0487-2216403 | Kerala |                           |
| 3       | SPACE KITCHENS | Vivek Sales Corporation | 32AABFV8614Q1ZQ | 9388609750   | Kerala | viveksales.corp@gmail.com |
| 4       | SPACE KITCHENS | Casa Dezino             | 32AAKFC8386R1ZL | 9072266699   | Kerala | ecowudindia@gmail.com     |
| 5       | SPACE KITCHENS | Boards India            | 32BOCPR5942H2ZV | 08048981718  | Kerala | boardsindia@gmail.com     |

Figure: List

## Add Work

Work Name\*

Kitchen Ceiling

Cancel

Reset

Submit

Figure: Add

## Edit Work

Work Name\*

Cancel

Reset

Submit

Figure: Edit

## Work

Keyword

Search

Reset

| Sl. No. | Work Name                       |
|---------|---------------------------------|
| 1       | Kitchen Cupboard Box Type Works |
| 2       | Kitchen Cupboard Door Works     |
| 3       | Birth Work                      |
| 4       | Work Area                       |
| 5       | Accessories & Basket Pullouts   |
| 6       | Bed Birth                       |
| 7       | Bed Room Cupboard               |
| 8       | Kitchen Birth                   |
| 9       | Wash Area                       |
| 10      | Crocery                         |
| 11      | Work Area Birth                 |
| 12      | Modular T.V Unit                |
| 13      | Open Show Case Neesh Works      |

Figure: List

## Work

Keyword

Search

Reset

| Sl. No. | Work Name                | Action  |
|---------|--------------------------|---|
| 1       | Birth Work               |  |
| 2       | Gypsum Cealing Work      |  |
| 3       | Dress Area Box Type Work |  |

Figure: Search

**Quotation**

|                                 |  |                            |                           |
|---------------------------------|--|----------------------------|---------------------------|
| Branch<br>SPACE KITCHENS        | Quotation No.<br>SK/2018/QUO0051   | Invoice Date<br>23-03-2019 | Project<br>Viji Sebastain |
| State<br>Kerala                 | Address<br>Manadapathil House, Vettikattupara, Oliyappuram P.O           |                            |                           |
| Subject<br><input type="text"/> | <input type="button" value="Go!"/> <input type="button" value="Cancel"/> |                            |                           |

Select Project  
 Test  
 LIJO  
**Viji Sebastain**  
 P.C Jacob  
 Manager The Orientel Insurance Company Limited  
 Anoop  
 Anju  
 Anju

Figure: Add

Quotation

Branch: SPACE KITCHENS Quotation No: SK/2018/QU00033 Invoice Date: 23-03-2019 Project: Select Project

State: Kerala Address: Malayil House Thuruthipilli Nezhur, Kottayam

Subject:

Particulars: Particulars Work: Work

Description: Description Unit: Unit Rate: Rate

Quantity: Quantity COST: COST

GST: GST Gross Amount: Gross Amount Add To List

| Sl No. | Particulars       | Work              | Description | Unit | Rate   | Quantity | COST     | GST      | Gross Amount |    |
|--------|-------------------|-------------------|-------------|------|--------|----------|----------|----------|--------------|----|
| 1      | Bed Room Cupboard | Bed Room Cupboard |             | SET  | 100.00 | 50       | 0.00(0%) | 0.00(0%) | 5000.00      | CF |
| 2      | Main Work Kitchen | Work Area Birk    |             | SCFT | 50.00  | 10       | 0.00(0%) | 0.00(0%) | 500.00       | CF |

Other Charges: 0.00

Other Discount: 0.00

Tax Total: 0

Grand Total: 5500.00

Cancel Submit

Figure: Add





Quotation

To:  
L10 Malayil House Thundipillil Nezhur, Kottayam  
Phone: 963133668

Quotation No. #9K2019/GUC003

Date: 23/03/2019

| Sl No.          | Particulars       | Unit | HSN/SAC | Rate   | Qty | CGST | SGST | Gross Amount |
|-----------------|-------------------|------|---------|--------|-----|------|------|--------------|
| 1               | Main Work Kitchen |      |         |        |     |      |      |              |
|                 | Work Area Birth   | SQFT | 09AA    | 50.00  | 10  | 0.00 | 0.00 | 500.00       |
| 2               | Bed Room Cupboard |      |         |        |     |      |      |              |
|                 | Bed Room Cupboard | SET  | 09AA    | 100.00 | 30  | 0.00 | 0.00 | 3000.00      |
| Other Charges:  |                   |      |         |        |     |      |      | 0.00         |
| Other Discount: |                   |      |         |        |     |      |      | 0.00         |
| Tax Total:      |                   |      |         |        |     |      |      | 0.00         |
| Grand Total:    |                   |      |         |        |     |      |      | 3,500.00     |

Cancel
Approve

Figure: Approval

| Quotation                                  |                 |              |                  |        |             |        | Add Quotation |
|--|-----------------|--------------|------------------|--------|-------------|--------|---------------|
| Success<br>Quotation Approved Successfully |                 |              |                  |        |             |        | X             |
| Select Branch                              | Select Project  | Keyword_____ | Search           | Reset  |             |        |               |
| Sl. No.                                    | PO No.          | Invoice Date | Project          | State  | Grand Total | Action |               |
| 1  | SK/2018/QU00003 | 23-03-2019   | LUD              | Kerala | 5500.00     |        |               |
| 2  | SK/2018/QU00002 | 23-03-2019   | P.C Jacob        | Kerala | 10000.00    |        |               |
| 3  | SK/2018/QU00001 | 23-03-2019   | Vij Sebastian    | Kerala | 80.00       | CF     | ✓             |
| 4  | SK/2018/QU00000 | 23-03-2019   | JEEMON BABY      | Kerala | 0.00        | CF     | ✓             |
| 5  | SK/2018/QU00049 | 06-03-2019   | DINU             | Kerala | 0.00        | CF     | ✓             |
| 6  | SK/2018/QU00048 | 06-03-2019   | Madhusudhan Nair | Kerala | 0.00        | CF     | ✓             |
| 7  | SK/2018/QU00047 | 15-02-2019   | Anand Tk         | Kerala | 950000.00   | CF     | ✓             |
| 8  | SK/2018/QU00046 | 15-02-2019   | Lalju John       | Kerala | 652700.00   | CF     | ✓             |
| 9  | SK/2018/QU00045 | 31-01-2019   | K.V Mathew       | Kerala | 1100000.00  |        |               |
| 10   | SK/2018/QU00044 | 23-01-2019   | Binu             | Kerala | 910748.00   |        |               |
|  |                 |              |                  |        |             |        | 1 2 3 4 5     |

Figure: Approval

## QUOTATION

GST No: 32ECOPS1522K1ZE

Lic No: KM Act 2014/0328/18/1228/18

Customer Details : Name :- LJO

No: SK/2018/QUO0053

Address : Malayil House Thuruthipillil Nezhur, Kottayam

Date 23/03/2019

Subject:-

| Sl.No. | Particulars              | Unit | Rate   | Qty | Amount                  |
|--------|--------------------------|------|--------|-----|-------------------------|
| 1      | <u>Main Work Kitchen</u> |      |        |     |                         |
|        | Work Area Birth          | SQFT | 50.00  | 10  | 500                     |
| 2      | <u>Bed Room Cupboard</u> |      |        |     |                         |
|        | Bed Room Cupboard        | SET  | 100.00 | 50  | 5000                    |
|        |                          |      |        |     | <i>Total</i>            |
|        |                          |      |        |     | <b>5500</b>             |
|        |                          |      |        |     | <i>Discount</i>         |
|        |                          |      |        |     | <b>0</b>                |
|        |                          |      |        |     | <i>Other Charges</i>    |
|        |                          |      |        |     | <b>0</b>                |
|        |                          |      |        |     | <i>Total Tax Amount</i> |
|        |                          |      |        |     | <b>0</b>                |
|        |                          |      |        |     | <i>Grand Total</i>      |
|        |                          |      |        |     | <b>5500</b>             |

**Total Amount (in words) :** INR Rupees five Thousand five Hundred Only..

### ACCOUNT DETAILS

SPACE KITCHENS,  
M.C ROAD, SNDP BUILDING, KOOTHATTUKULAM-686662  
A/C NO C/A 55350200000065  
IFSC CODE BARB0KOOKUL

Print

### Project Purchase

|                  |             |  |                        |
|------------------|-------------|--|------------------------|
| Project          | PO No.      | Invoice Date                             | Supplier               |
| Select Project ▼ | PURINV/0041 | 23-03-2019                               | Prince Glass & Plywo ▼ |
| State            | Invoice No. | Address                                  |                        |
| Kerala           |             | Door No.36/2214-1B, Kaloor, Kochi-682017 |                        |

Go!Cancel

Figure: Add

Project Purchase

Project:  PO No.:  Invoice Date:  Supplier:

State:  Invoice No.:  Address:

Item:  HSN Code:  Unit:  Quantity:  MRP:  Trade Price:

Discount(%):  Discount (Amt):  CGST:  SGST:  Gross Amount:

| Sl No. | Item            | HSN   | Unit | Qty | MRP    | Discount    | Price  | CGST       | SGST       | Gross Amount |
|--------|-----------------|-------|------|-----|--------|-------------|--------|------------|------------|--------------|
| 1      | Structure Works | HSN01 | SET  | 10  | 200.00 | 0.00(0.00%) | 200.00 | 0.00(0.00) | 0.00(0.00) | 2000.00      |

Payment Methods:

☒ Cash ☐ Credit

Other Charges:

Other Discount:

Tax Total:

Discount:

Total Amount After Tax:

Grand Total:

Figure: Add

Project Purchase

Add Project Purchase

Select Branch ▼

Select Supplier ▼

Keyword....

Search

Reset



| Sl. No. | PO No.      | Invoice Date | Supplier     | State  | Invoice No. | Grand Total | Action  |
|---------|-------------|--------------|--------------|--------|-------------|-------------|---|
| 1       | PURINV/0040 | 23-03-2019   | Boards India | Kerala | 45522       | 1500.00     |   |
|         |             |              |              |        |             |             |   |

Figure: List

From  
**SPACE KITCHENS**  
SNDP Building, Media Jn, M.C Road Koothattukulam  
Phone: 0485 2275100  
Email: [spacekitchen@gmail.com](mailto:spacekitchen@gmail.com)

To  
Boards India Boards India\InPerumbavoor, Emakulam,  
Kerala  
Phone: 08048981718  
Email: boardsindia@gmail.com

PO No. #PURINV/0040

Date: 23-03-2019

| Sl No. | Item            | HSN   | Purchase Unit | Qty | MRP    | Discount    | Price  | CGST       | SGST       | Gross Amount |
|--------|-----------------|-------|---------------|-----|--------|-------------|--------|------------|------------|--------------|
| 1      | Structure Works | HSN01 | SET           | 10  | 200.00 | 0.00(0.00%) | 150.00 | 0.00(0.00) | 0.00(0.00) | 1500.00      |

|                         |      |
|-------------------------|------|
| Other Charges:          | 0.00 |
| Other Discount:         | 0.00 |
| Tax Total:              | 0    |
| Discount:               | 0    |
| Total Amount After Tax: | 1500 |
| Grand Total:            | 1500 |

Cancel

Figure: Invoice







| Ledger           |             |                  |                   |             |             |               |               |        | Add Ledger |
|------------------|-------------|------------------|-------------------|-------------|-------------|---------------|---------------|--------|------------|
| --Ledger Group-- |             | Keyword...       |                   | Search      | Reset       |               |               |        |            |
| Sl. No.          | Ledger Head | Ledger Group     | Ledger Name       | Ledger Code | Ledger Type | Dr Op Balance | Cr Op Balance | Action |            |
| 1                | EXPENSE     | DIRECT EXPENSE   | PURCHASE          | PUR         | Dr          | 0.00          | 0.00          |        |            |
| 2                | INCOME      | INDIRECT INCOME  | DISCOUNT RECEIVED | DISRE       | Cr          | 0.00          | 0.00          |        |            |
| 3                | LIABILITIES | DUTIES & TAXES   | INPUT SGST        | OUTSG       | Cr          | 0.00          | 0.00          |        |            |
| 4                | INCOME      | SALES INCOME     | SALES             | SALE        | Cr          | 0.00          | 0.00          |        |            |
| 5                | EXPENSE     | INDIRECT EXPENSE | DISCOUNT GIVEN    | DISGIV      | Dr          | 0.00          | 0.00          |        |            |
| 6                | LIABILITIES | DUTIES & TAXES   | OUTPUT CGST       | INCG        | Cr          | 0.00          | 0.00          |        |            |
| 7                | ASSET       | CURRENT ASSET    | CASH              | CASH        | Dr          | 0.00          | 0.00          |        |            |
| 8                | LIABILITIES | DUTIES & TAXES   | OUTPUT SGST       | INSG        | Cr          | 0.00          | 0.00          |        |            |
| 9                | LIABILITIES | DUTIES & TAXES   | OUTPUT IGST       | INIG        | Cr          | 0.00          | 0.00          |        |            |
| 10               | LIABILITIES | DUTIES & TAXES   | INPUT CGST        | OUTCG       | Cr          | 0.00          | 0.00          |        |            |
| 11               | LIABILITIES | DUTIES & TAXES   | INTPUT IGST       | OUTIG       | Cr          | 0.00          | 0.00          |        |            |
| 12               | EXPENSE     | DIRECT EXPENSE   | PURCHASE RETURN   | PURE        | Dr          | 0.00          | 0.00          |        |            |

Figure: Ledger List

Add Ledger Group

---

Ledger Head \* EXPENSE ▼

Parent Group\* DIRECT EXPENSE ▼

Ledger group name Boards India

Ledger group code DIREXP

Cancel Reset Submit

Figure: Ledger Group Add

### Edit Ledger Group

|                                |                  |
|--------------------------------|------------------|
| Ledger Head *                  | EXPENSE ▼        |
| Parent Group*                  | DIRECT EXPENSE ▼ |
| Ledger group name              | Boards India     |
| Ledger group code              | DIREXP           |
| <div>Cancel Reset Submit</div> |                  |

Figure: Ledger Group Edit

Ledger Group

Add Ledger Group

Select ledger head

Keyword....

Search

Reset

| Sl. No. | Ledger Head | Parent Group        | Ledger Group        | Ledger Code | Ledger Type | Action |
|---------|-------------|---------------------|---------------------|-------------|-------------|--------|
| 1       | LIABILITIES |                     | CURRENT LIABILITIES | CRTLIA      | Cr          |        |
| 2       | LIABILITIES | CURRENT LIABILITIES | SUNDRY CREDITORS    | SUNCRE      | Cr          |        |
| 3       | LIABILITIES | CURRENT LIABILITIES | DUTIES & TAXES      | DUTAX       | Cr          |        |
| 4       | INCOME      |                     | DIRECT INCOME       | DIIN        | Cr          |        |
| 5       | INCOME      |                     | INDIRECT INCOME     | INDIN       | Cr          |        |
| 6       | INCOME      | DIRECT INCOME       | SALES INCOME        | SALEINCO    | Cr          |        |
| 7       | ASSET       |                     | CURRENT ASSET       | CUASSE      | Dr          |        |
| 8       | ASSET       | CURRENT ASSET       | SUNDRY DEBTORS      | SUNDEB      | Dr          |        |
| 9       | EXPENSE     |                     | INDIRECT EXPENSE    | INEXP       | Dr          |        |
| 10      | EXPENSE     |                     | DIRECT EXPENSE      | DIREXP      | Dr          |        |

Figure: Ledger Group List

Add Bank

---

Bank name

Account Number

Branch

IFSC Code

Figure: Bank Add

Edit Bank

Bank name

SBI

Account Number

3205485225522

Branch

Tripunithara

IFSC Code

SBI525256

Cancel

Reset

Submit

Bank

Add Bank

SearchReset

| Sl. No. | Bank Name      | Account Number | IFSC Code   | Branch         | Action |
|---------|----------------|----------------|-------------|----------------|--------|
| 1       | Bank Of Boroda | 55350200000065 | BARB0KOOKUL | Koothattukulam |        |
| 2       | Federal Bank   | 10060100103268 | FDRL0001006 | Koothattukulam |        |
| 3       | ICICI Bank     | 266201501066   | ICIC0002662 | Koothattukulam |        |
| 4       | SBI            | 3205485225522  | SBI525256   | Tripunithara   |        |

Figure: Bank List



## Add Branch

|               |   |
|---------------|---|
| Branch Name*  | <input type="text" value="SPACE KITCHENS"/>                                   |
| Company*      | <input type="text" value="SPACE KITCHENS"/>                                   |
| State*        | <input type="text" value="Kerala"/>   |
| Address *     | <input type="text" value="SNDP Building, Media Jn, M.C Road Koothattukulam"/> |
| Contact No. * | <input type="text" value="0485 2275100"/>                                     |
| Email Address | <input type="text" value="spacekitchen@gmail.com"/>                           |

Figure: Branch Add

## Edit Branch

|               |   |
|---------------|---|
| Branch Name*  | <input type="text" value="SPACE KITCHENS"/>                                   |
| Company*      | <input type="text" value="SPACE KITCHENS"/>                                   |
| State*        | <input type="text" value="Kerala"/>   |
| Address *     | <input type="text" value="SNDP Building, Media Jn, M.C Road Koothattukulam"/> |
| Contact No. * | <input type="text" value="0485 2275100"/>                                     |
| Email Address | <input type="text" value="spacekitchen@gmail.com"/>                           |

Cancel

Reset

Submit

Figure: Branch Edit

Branch

Add Branch

Select Company ▼

Select State ▼

Keyword....

Search

Reset




| Sl. No. | Company        | Branch         | State  | Contact No   | Email Address          | Action  |
|---------|----------------|----------------|--------|--------------|------------------------|---|
| 1       | SPACE KITCHENS | SPACE KITCHENS | Kerala | 0485 2275100 | spacekitchen@gmail.com |    |

Figure: Branch List

|               |  |
|---------------|--|
| Branch Name   | SPACE KITCHENS                                   |
| Company       | SPACE KITCHENS                                   |
| Address       | SNDP Building, Media Jn, M.C Road Koothattukulam |
| Contact No.   | 0485 2275100                                     |
| Email Address | spacekitchen@gmail.com                           |

Back

Figure: Branch View

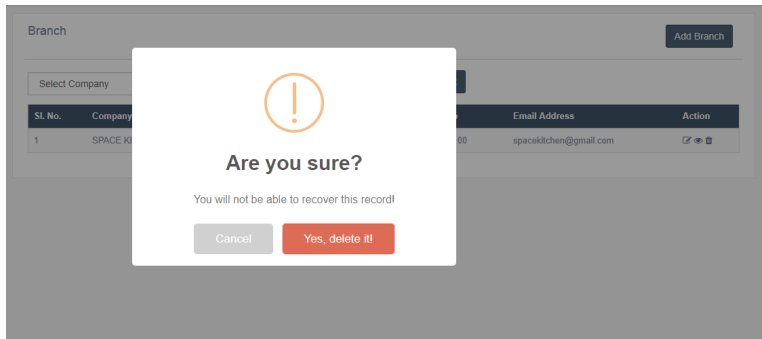
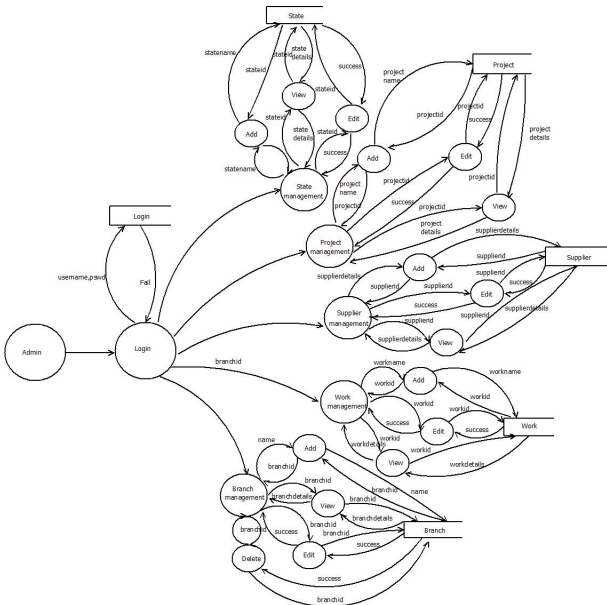


Figure: Branch Delete



Figure: Level 0

# DFD



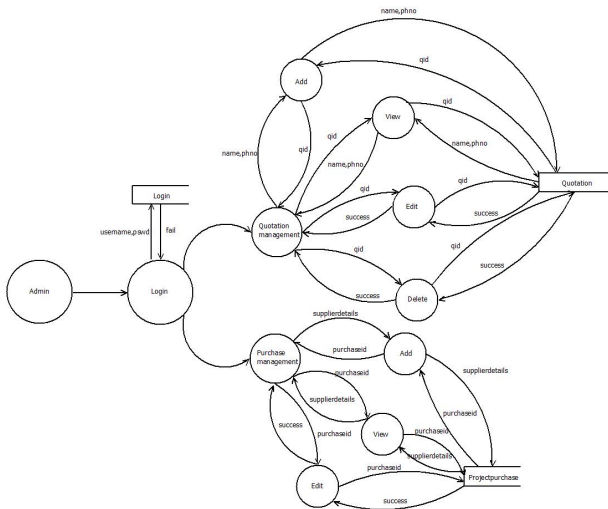
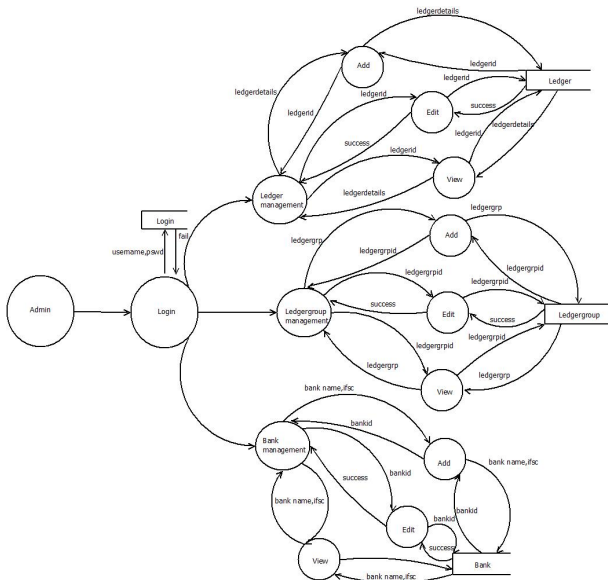


Figure: Level 1 Transaction





# Tables

Table: Login

| VARIABLE NAME | DATA TYPE | CONSTRAINTS | DESCRIPT    |
|---------------|-----------|-------------|-------------|
| UserID        | Integer   | Primary Key | User ID     |
| UserName      | Varchar   | NOT NULL    | User name c |
| Password      | Varchar   | NOT NULL    | Password    |
| UserType      | Integer   | NOT NULL    | Employee Ty |
| Status        | Integer   | NOT NULL    | Active/Not  |

Table: ac\_LedgerHead

| VARIABLE NAME   | DATA TYPE | CONSTRAINTS | DESCRIPTION      |
|-----------------|-----------|-------------|------------------|
| LedgerHead_id   | Integer   | Primary Key | Ledger Head ID   |
| LedgerHead_Name | Varchar   | NOT NULL    | Ledger Head Name |
| LedgerHead_Type | Integer   | NOT NULL    | Dr 1 ,Cr 2       |
| Fixed_Data      | Integer   | NOT NULL    | Fixed Data       |

Table: ac\_LedgerGroup

| VARIABLE NAME    | DATA TYPE | CONSTRAINTS | DESCRIPT      |
|------------------|-----------|-------------|---------------|
| LedgerGroup_id   | Integer   | Primary Key | Ledger Group  |
| LedgerGroup_Name | Varchar   | NOT NULL    | Ledger Group  |
| LedgerGroup_Code | Varchar   | NOT NULL    | Ledger Group  |
| Parent_Head      | Integer   | NOT NULL    | Parent Ledger |
| Parent_Group     | Varchar   | NOT NULL    | Parent Ledger |
| LedgerGroup_Type | Integer   | NOT NULL    | Dr 1 ,Cr 2    |
| Fixed_Data       | Integer   | NOT NULL    | Fixed Data    |

Table: ac\_Ledger

| VARIABLE NAME    | DATA TYPE | CONSTRAINTS | DESCRIPTION  |
|------------------|-----------|-------------|--------------|
| ac_ledger_id     | Integer   | Primary Key | Ledger ID    |
| ac_ledger_Name   | Varchar   | NOT NULL    | Ledger name  |
| ac_ledger_Code   | Varchar   | NOT NULL    | Ledger code  |
| ac_ledger_Group  | Integer   | NOT NULL    | Ledger Group |
| ac_ledger_Type   | Integer   | NOT NULL    | Dr 1 ,Cr 2   |
| ac_op_Type       | Integer   | NOT NULL    | Opening bal  |
| ac_credit_Period | Integer   | NOT NULL    | Credit Perio |
| ac_credit_Limit  | Integer   | NOT NULL    | Credit limit |
| ac_SupCus_id     | Integer   | Foreign Key | Supplier/Cu  |

Table: ac\_Bank

| VARIABLE NAME     | DATA TYPE | CONSTRAINTS | DESCRIPTION     |
|-------------------|-----------|-------------|-----------------|
| ac_Bank_id        | Integer   | Primary Key | Bank ID         |
| ac_Bank_Name      | Varchar   | NOT NULL    | Bank name       |
| ac_Bank_acno      | Varchar   | NOT NULL    | Account number  |
| ac_Bank_ifsc_Code | Varchar   | NOT NULL    | IFSC code       |
| ac_Bank_branch    | Varchar   | NOT NULL    | Branch          |
| ac_Bank_Ledger    | Integer   | NOT NULL    | Bank Ledger     |
| ac_Bank_status    | Char      | NOT NULL    | Status          |
| user_id           | Integer   | NOT NULL    | User who record |

Table: Branch

| VARIABLE NAME    | DATA TYPE | CONSTRAINTS | DESCRIPTION    |
|------------------|-----------|-------------|----------------|
| Branch_id        | Integer   | Primary Key | Branch ID      |
| Compnay_id       | Integer   | NOT NULL    | Company ID     |
| Branch_stateid   | Integer   | NOT NULL    | State ID of    |
| Branch_Name      | Varchar   | NOT NULL    | Branch name    |
| Branch_address   | Varchar   | NOT NULL    | Branch address |
| Branch_email     | Varchar   | NOT NULL    | Branch email   |
| Branch_phone     | Varchar   | NOT NULL    | Branch phone   |
| ac_Branch_status | Char      | NOT NULL    | Status         |
| user_id          | Integer   | NOT NULL    | User who       |

Table: Supplier

| VARIABLE NAME     | DATA TYPE | CONSTRAINTS | DESCRIPTION       |
|-------------------|-----------|-------------|-------------------|
| Supplier_id       | Integer   | Primary Key | Supplier ID       |
| Supplier_ledgerid | Integer   | NOT NULL    | Supplier Ledger   |
| Supplier_state    | Varchar   | NOT NULL    | State of Supplier |
| Supplier_gstin    | Varchar   | NOT NULL    | GSTIN of Supplier |
| Supplier_Name     | Varchar   | NOT NULL    | Supplier name     |
| Supplier_address  | Varchar   | NOT NULL    | Supplier address  |
| Supplier_email    | Varchar   | NOT NULL    | Supplier email    |
| Supplier_phone    | Varchar   | NOT NULL    | Supplier phone    |
| Supplier_status   | Char      | NOT NULL    | Status            |



Table: Projectmaster

| VARIABLE NAME     | DATA TYPE | CONSTRAINTS | DESCRIPTION                 |
|-------------------|-----------|-------------|-----------------------------|
| Pro_id            | Integer   | Primary Key | Project ID                  |
| Pro_Refno         | Integer   | NOT NULL    | Project Reference           |
| Pro_state         | Varchar   | NOT NULL    | State of Project            |
| Pro_Name          | Varchar   | NOT NULL    | Project client name         |
| Pro_contactperson | Varchar   | NOT NULL    | Project contact person name |
| Pro_address       | Varchar   | NOT NULL    | Project address             |
| Pro_pin           | Integer   | NOT NULL    | Project pin code            |
| Pro_phone         | Varchar   | NOT NULL    | Supplier phone number       |

Table: Quotation

| VARIABLE NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION          |
|---------------|-----------|-------------|----------------------|
| Qua_id        | Integer   | Primary Key | Quotation ID         |
| Quabranchnid  | Integer   | NOT NULL    | Quotation Branch     |
| QuaProjectid  | Integer   | NOT NULL    | Quotation Project    |
| Qua_stateid   | Integer   | NOT NULL    | Stateid of Quotation |
| Qua_no        | Varchar   | NOT NULL    | Number of Quotation  |
| Qua_subject   | Varchar   | NOT NULL    | Quotation subject    |
| Qua_Date      | Datetime  | NOT NULL    | Quotation date       |
| Qua_Taxamt    | Decimal   | NOT NULL    | Quotation Tax amount |
| Qua_amt       | Decimal   | NOT NULL    | Quotation Amount     |

Table: State

| VARIABLE NAME | DATA TYPE | CONSTRAINTS | DESCRIPT        |
|---------------|-----------|-------------|-----------------|
| State_id      | Integer   | Primary Key | State ID        |
| Statename     | Varchar   | NOT NULL    | State name      |
| Statecode     | Integer   | NOT NULL    | State Code      |
| State_status  | Char      | NOT NULL    | Status          |
| user_id       | Integer   | NOT NULL    | User who record |
| added_Date    | Datetime  | NOT NULL    | Added date      |
| updated_Date  | Datetime  | NOT NULL    | Last Update     |

Table: Work

| VARIABLE NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION     |
|---------------|-----------|-------------|-----------------|
| Work_id       | Integer   | Primary Key | Work ID         |
| Workname      | Varchar   | NOT NULL    | Work name       |
| Workcategory  | Integer   | NOT NULL    | Work category   |
| Work_status   | Char      | NOT NULL    | Status          |
| user_id       | Integer   | NOT NULL    | User who record |
| added_Date    | Datetime  | NOT NULL    | Added date      |
| updated_Date  | Datetime  | NOT NULL    | Last Update     |

# Hardware and Software Requirements

## Software Requirements

- Operating System : Windows XP or higher .
- Front-End : Java
- Back-End Tool : MySQL

## Hardware Requirements

- Processor : Intel Pentium IV and above
- RAM : 256 MB
- Hard Disk : 40 GB or higher
- Display : 14.1 Colour Monitor(LCD,CRT or LED)

# Conclusion

- The application provides an master facility in order to administer the system and keep the information accurate. .
- This system could overcome almost all the drawbacks faced by the existing system by using advanced software features.

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Thank you...