vendor_management_key_contacts

	vm_key_contact_id	number	20	NOT NULL
	vendor_id	number	20	NOT NULL
	key_contact_id	number	20	NOT NULL
	name	varchar	255	NOT NULL
	title	varchar	255	NOT NULL
	landline	varchar	255	NOT NULL
	mobile_number	varchar	255	NOT NULL
	email	varchar	255	NOT NULL

RELATIONS FOR TABLE vendor_management_key_contacts:

Table structure for table vendor_management_related_entities

vendor_management_related_entities

		New table_Name		
	related_entity_id	number	20	NOT NULL
	vendor_id	number	20	NOT NULL
	relationship_id	number	20	NOT NULL
	entity_name	varchar	255	NOT NULL
	comman_person_name	varchar	255	NOT NULL
	thermax_code	varchar	255	NOT NULL

RELATIONS FOR TABLE vendor_management_related_entities:

Table structure for table vendor_statutory_data

vendor_statutory_data

	vendor_statutory_data_id	number	20	NOT NULL
	vendor_id	number	20	NOT NULL
	statutory_data_id	number	20	NOT NULL
	statutory_data_value	varchar	255	NOT NULL
	valid_till_date	date		NOT NULL
	document_name	varchar	255	NOT NULL
	document_status	varchar	10	NOT NULL

RELATIONS FOR TABLE vendor_statutory_data:

Table structure for table vendor_users

vendor_users

Table structure for table vendor_users

Vendoruserid	number	11	NOT NULL
Name	varchar	100	NOT NULL
Email	varchar	50	NOT NULL
Password	varchar	50	NOT NULL
actualPass	varchar	50	NOT NULL

Role	varchar	50	NOT NULL	
Panno	varchar	45	NOT NULL	
v_date	varchar	100	NOT NULL	
isNew	varchar2(1)	DEFAULT	'Y'	
Constraint	v_4	check(isNew	in('Y','N'))	
is_password_changed	varchar(1)	DEFAULT	'N',	

RELATIONS FOR TABLE vendor_users:

Table structure for table vendor_users_invitation
vendor_users_invitation

idvendoruserinvitation	number	11	NOT NULL	
invitationemployeeId	varchar	45	DEFAULT	NULL,
invitationdeptid	varchar	450	DEFAULT	NULL,
invitationdivid	varchar	100	DEFAULT	NULL,
status	varchar	45	DEFAULT	NULL,
vendoruseridref	varchar	45	DEFAULT	NULL

RELATIONS FOR TABLE vendor_users_invitation:

Indexes for dumped tables

Indexes for table mast_business_category
ALTER TABLE mast_business_category ADD PRIMARY KEY (id);

Indexes for table mast_company_certification
ALTER TABLE mast_company_certification ADD PRIMARY KEY (certifications_id);

Indexes for table mast_country
ALTER TABLE mast_country ADD PRIMARY KEY (id);

Indexes for table mast_currency
ALTER TABLE mast_currency ADD PRIMARY KEY (id);

Indexes for table mast_departments

ALTER TABLE mast_departments ADD PRIMARY KEY (id);

Indexes for table mast_designation
ALTER TABLE mast_designation ADD PRIMARY KEY (designation_id);

Indexes for table mast_division
ALTER TABLE mast_division ADD PRIMARY KEY (divid);

Indexes for table mast_employee
ALTER TABLE mast_employee ADD PRIMARY KEY (idmast_employee);

Indexes for table mast_entity_type
ALTER TABLE mast_entity_type ADD PRIMARY KEY (id);

Indexes for table mast_key_contact
ALTER TABLE mast_key_contact ADD PRIMARY KEY (idmast_key_contact);

Indexes for table mast_relationship
ALTER TABLE mast_relationship ADD PRIMARY KEY (id);

Indexes for table mast_statutory_data
ALTER TABLE mast_statutory_data ADD PRIMARY KEY (statutory_data_id);

Indexes for table mast_vendor_subtype
ALTER TABLE mast_vendor_subtype ADD PRIMARY KEY (id);

Indexes for table mast_vendor_type
ALTER TABLE mast_vendor_type ADD PRIMARY KEY (id);

Indexes for table vendor
ALTER TABLE vendor ADD PRIMARY KEY (vendor_id);

Indexes for table vendor_bank_details
ALTER TABLE vendor_bank_details ADD PRIMARY KEY (bank_details_id);

Indexes for table vendor_company_certifications
ALTER TABLE vendor_company_certifications ADD PRIMARY KEY (vendor_certifications_id);

Indexes for table vendor_management
ALTER TABLE vendor_management ADD PRIMARY KEY (management_id);

Indexes for table vendor_management_key_contacts
ALTER TABLE vendor_management_key_contacts ADD PRIMARY KEY (vm_key_contact_id);

Indexes for table vendor_management_related_entities
ALTER TABLE vendor_manag_related_entities ADD PRIMARY KEY (related_entity_id);

Indexes for table vendor_statutory_data
ALTER TABLE vendor_statutory_data ADD PRIMARY KEY (vendor_statutory_data_id);

Indexes for table vendor_users
ALTER TABLE vendor_users ADD PRIMARY KEY (vendoruserid);

Indexes for table vendor_users_invitation
ALTER TABLE vendor_users_invitation   ADD PRIMARY KEY (idvendoruserinvitation);

```
####################################################
AUTO_INCREMENT for dumped tables
####################################################
```

AUTO_INCREMENT for table mast_business_category

ALTER TABLE mast_business_category
  MODIFY id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7;

Note invalid alter table options-
AUTO_INCREMENT for table mast_company_certification

ALTER TABLE mast_company_certification
MODIFY certifications_id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;
Note invalid alter table options-
AUTO_INCREMENT for table mast_country

ALTER TABLE mast_country
MODIFY id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;
Note invalid alter table options---
AUTO_INCREMENT for table mast_currency
Note invalid alter table options-
ALTER TABLE mast_currency
MODIFY id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

AUTO_INCREMENT for table mast_departments

ALTER TABLE mast_departments
MODIFY id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

AUTO_INCREMENT for table mast_designation

ALTER TABLE mast_designation
MODIFY designation_id number(20) NOT NULL AUTO_INCREMENT;
AUTO_INCREMENT for table mast_division
ALTER TABLE mast_division
MODIFY divid number(11) NOT NULL AUTO_INCREMENT;

AUTO_INCREMENT for table mast_employee

ALTER TABLE
mast_employee
MODIFY idmast_employee number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

AUTO_INCREMENT for table mast_entity_type

ALTER TABLE mast_entity_type
MODIFY id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=20;
AUTO_INCREMENT for table mast_key_contact

ALTER TABLE mast_key_contact
MODIFY idmast_key_contact number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

AUTO_INCREMENT for table mast_relationship

ALTER TABLE mast_relationship
MODIFY id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

AUTO_INCREMENT for table mast_statutory_data

ALTER TABLE mast_statutory_data
MODIFY statutory_data_id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=16;

AUTO_INCREMENT for table mast_vendor_subtype

ALTER TABLE mast_vendor_subtype
MODIFY id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

AUTO_INCREMENT for table mast_vendor_type

ALTER TABLE mast_vendor_type
MODIFY id number(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

AUTO_INCREMENT for table vendor

ALTER TABLE vendor
MODIFY vendor_id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

AUTO_INCREMENT for table vendor_bank_details

ALTER TABLE vendor_bank_details
MODIFY bank_details_id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

AUTO_INCREMENT for table vendor_company_certifications

ALTER TABLE vendor_company_certifications
MODIFY vendor_certifications_id number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;

AUTO_INCREMENT for table vendor_management

ALTER TABLE vendor_management
MODIFY management_id number(20) NOT NULL AUTO_INCREMENT;
AUTO_INCREMENT for table vendor_management_key_contacts

ALTER TABLE vendor_management_key_contacts
MODIFY vm_key_contact_id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

AUTO_INCREMENT for table vendor_management_related_entities

ALTER TABLE vendor_management_related_entities
MODIFY related_entity_id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

AUTO_INCREMENT for table vendor_statutory_data

ALTER TABLE vendor_statutory_data
MODIFY vendor_statutory_data_id number(20) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=13;

AUTO_INCREMENT for table vendor_users

ALTER TABLE vendor_users
MODIFY vendoruserid number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=24;

AUTO_INCREMENT for table vendor_users_invitation

ALTER TABLE vendor_users_invitation

MODIFY idvendoruserinvitation number(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=16;

2.5 NON-FUNCTIONAL SPECIFICATION

To manage user documents, requirement documents, work flow documents and code, SVN will be configured and used, which will facilitate as

- Central document repository
- Versioning for document and code updates
- Check In Check Out
- Other functional features of Document Management Systems (DMS)

2.6 ADDITIONAL POINTS BASED ON DISCUSSIONS

- Work flow for Un-Solicited Vendor registration – *A THERMAX PERSON SHALL BE NOMINATED (EDITABLE NAME) BY ADMIN TO RECEIVE THESE APPLICATIONS AND FORWARD THEM TO CONCERNED DIVISION OR IF THEY ARE NOT ANY USE, ARCHIVE THE REQUESTS IN DMS. IF FOUND USEFUL FOR A SPECIFIC DIVISION ADMIN TO ASSIGN THE PROPOSER NAME AND THEN PROPOSER TO FOLLOW THE APPROVAL WORKFLOW.*
- Master maintenance (Oracle-BaaN equivalence) ownership and updation to be decided internally between Thermax.
- Aadhaar Card No. - *NON MANDATORY FIELD TO BE GIVEN.*

Discussion Date: 21-March, 2016

- Debarring Vendors from duplicate Registration is a topic to be internally discussed within the Thermax Team.
- Discussion on Vendor Name length concerns and decided that it has to be handled in ERP not in Vendor Connect.
- When the preview is done the trail of the Approval process is required in the preview i.e. who all has approved the Vendor Registration Process.
- Vendor new Site will be registered when the same Vendor will enter the details as a new site flag for the ERP to pick the information.
- Data base of the HR system is required for the Vendor Connect

Additions in Work:

- Introduction of PAN No, at the time of login and accordingly validation for it against existing/new vendor. To check its impact on the existing workflow.

- *PROPOSER SHOULD BE PROVIDED A FIELD / SPACE TO UPLOAD "VENDOR ASSESSMENT REPORT". THIS SHOULD BE "YES BY DEFAULT" WITH MANDATORY UPLOADING OF THE ASSESSMENT REPORT. ONLY PDF FILE FORMAT TO BE ALLOWED FOR UPLOADING. IF THE PROPOSER DOES NOT GO WITH THE "YES (DEFAULT)" OPTION AND INSTEAD SELECTS "NO" THEN COMMENTS ARE MANDATORY FOR THE PROPOSER TO MENTION WHY VENDOR ASSESSMENT REPORT IS NOT UPLOADED BY HIM. (PROPOSER SECTION SCREEN FIELD)*
- Validations for PAN Card, special characters allowed/not allowed in Vendor name.
- Alerts for validity of documents.
- Addition of 10 fields to Proposer section, prior to defining approvers. Initial thought was that they were 3-4 fields, but as per list shared on 23-March, they are in all 10 fields that needs to be included in the workflow.

2.7 DEVELOPMENT TECHNOLOGY STACK

Following are the tools that are used during the development process and are configured on development server:

Project Methodology - Agile

- Project Management Tool- Redmine/Jira

Programming – Server side

- PHP 5.5
- PDO Library / Propel (ORM)
- Laravel (Security, Routing, Sessions)
- REST API

Programming - Client Side

- jQuery
- Bootstrap / Responsive Grid
- Angular JS

Web Server

- Apache 2.x

Reporting

- HTML / XLS / CSV

Database System

- MySQL 5.x / Oracle (as required)

Development IDE

- Eclipse

Code and document repository

- Apache Subversion (SVN)

All the above tools are well supported, documented, and have significant community support without significant limitations that would negatively impact or restrict a commercial product.

2.8 HARDWARE SPECIFICATION

Following is the hardware (server) requirements for the development and testing (UAT)

- RAM : 16GB
- Processor : Quad Core
- Storage: 250 GB
- FTP Space
- VPN Access

2.9 REPORTS

TOTAL 8 REPORTS ARE IN SCOPE.

REQUIREMENTS OF 2 REPORTS HAVE BEEN CONVEYED TO LONAR AS BELOW:

1. COMPLETE DATA DUMP OF VENDOR DATA, WITH EXPORT TO EXCEL FUNCTIONALITY. **
2. SUMMARY OF ALL VENDOR DATA FIELD INFORMATION THAT IS TO BE SHOWN TO THE VENDOR BEFORE HE SUBMITS HIS REGISTRATION REQUEST.

REMAINING 6 REPORTS – DETAILS SHALL BE GIVEN TO LONAR BY 26-APR-2016.

- USER GUIDES and FAQ's TO BE GIVEN FOR APPROVAL ON

** DATA DUMP INCLUDES ALL DATA GIVEN BY VENDOR, AND CHANGES IF ANY DONE BY THERMAX AS OF THE REPORT GENERATION DATE.

TL
20/4/16

Code and document repository

- Apache Subversion (SVN)

All the above tools are well supported, documented, and have significant community support without significant limitations that would negatively impact or restrict a commercial product.

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