Business Requirements Specification (BRS)

For

Venator Report System

Version 1.0

Prepared by Mohamad Hamad

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# Abbreviations, Acronyms, and Definitions

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| --- | --- |
| **Acronym / Abbreviation** | **Definition** |
| admin | Person who has the full privilege in the system |
| manager | Person who has privileges on his/her employees for one or more data Procedures |
| user | Employee who has privileges on one or more data Procedures |

# Business Case

Any Company needs financial reports to determine its balance at all times, especially when it is broken. This case leads organization to build full suite of report modules that help to improve the decisions and optimize the financial data management. These modules will help to reduce cost, time and efforts by reducing papers and get statistics and charts of all clients and companies. All will lead to reach best decision making for every client at the right time.

# Business Objectives

**BO-1:** Automate data Procedure.

**BO-2:** Automate Financial Reports.

**BO-3:** Faster time which make work more useful to processing and information sharing.

**BO-4:** Less time to analyze data.

**BO-5:** Improve efficiency by deleting unnecessary steps in the process.

# Context Diagram



# Functional Requirements

1. **For Admin**
   1. Modules Management: admin should be able to manage all the modules in the system.

* User (add, edit, delete)
* Data Procedure (add, edit, delete)
  1. View Reports: admin should be able to view reports he needs
* Full Data Report
* Text Report
* Amounts Report
* Payment Report
* Creditor Report
  1. Data Procedure: admin should be able to assign the Procedure after importing it to only one manager.

1. **For Manager**
   1. User management (add, edit, delete)
   2. User assign: manager can assign one Procedure to one or more one user of his branch.
   3. View Reports: manager should be able to view reports he needs for his Procedure only:

* Full Data Report : with ability to mark any field to be checked later or get summarized for it.
* Text Report
* Amounts Report
* Payment Report
* Creditor Report

1. **For User:**
   1. User should be able to view and display all reports related to the Procedure he is assigned to:

* Full Data Report : with ability to mark any field to be checked later or get summarized for it.
* Text Report
* Amounts Report
* Payment Report
* Creditor Report

# Nonfunctional Requirements:

**User friendly:**

System should support simple, clear, easy to use and user friendly interfaces by providing drop down lists-check box- drag and drop- multi select- right click menu of options- open by select and pressing enter- double clicking- easy to reach and find the needed tools for any related action.

**System Capacity:**

The system capacity should be flexible and can manage huge data and huge number of users and clients with no capacity limitation.

**Displaying Data:**

All statistics report should appear as statistics, tabular and graphics.

System should support data variety by using colors.

System should provide the ability to review the impact of entered data.

**High Availability & Reliability:**

The system should be available 24/7.

**High Performance:**

There needs to be reasonable data access speed on the user side. In addition, the system must be able to retrieve all calculated and historical data in minimal time.

# Major Features Scope

The system will provide the following features:

## FE-01: User Management

1. Ability to manage users and their roles in this system.
2. Each user will have the following details:

* UserID
* FirstName
* LastName
* Email
* RoleID
* OrgnizationID
* Title
* Mobile
* UserName
* Password
* CountryID
* CityID
* StreetID
* HouseID
* PostCode
* ContacPerson
* Notes

## FE-02: Data Procedure Management

1. Ability to manage data Procedure in the system
2. Any Procedure will have the following details:

* ProcedureID
* Name
* ProcedureDate
* Description
* UserID
* Data
* Analysis

## FE-03: Import Data Procedure

1. Ability to import data Procedure to the system using just excel files or csv files.
2. After importing successfully, system should display data into table with the following columns:

* Client
* BuKr
* Companycode
* Recordnumber
* Documentnumber
* Documentnumber2
* assignment
* reference
* documenttype
* documentdate
* postingdate
* duedate
* fiscal Year
* postingPeriod
* executionDate
* accountType
* accountNumber
* accountName
* GLAccountNumber
* GLAccountName
* DebtorNumber
* DebtorName
* CreditorNumber
* CreditorName
* contraAccountType
* contraAccountNumber
* contraAccountName
* contraAccountGLAccountNo
* contraAccountGLAccountName
* contraAccountDebtorNo
* contraAccountDebtorName
* contraaccountCreditorNo
* contraaccountCreditorName
* Balance
* debitCredit
* debitAmount
* creditAmount
* balanceTransactionCurrency
* debitAmountTransactionCurrency
* creditAmountTransactionCurrency
* transactionCurrency
* exchangeRate
* cashDiscount
* textPosting
* textHeader
* postingKey
* salesTaxKey
* taxRate
* euTaxRate
* taxAmount
* taxAmountDebit
* taxAmountCredit
* stackNumber
* costCenter1
* costCenter2
* applicationDocument
* applicationDate
* identifierBalancyCarryforward
* generalReversal
* ledgerId
* documentLink
* typeDocumentInformation1
* contentDocumentInformation1
* typeDocumentInformation2
* contentDocumentInformation2
* typeDocumentInformation3
* contentDocumentInformation3
* typeDocumentInformation4
* contentDocumentInformation4
* typeDocumentInformation5
* contentDocumentInformation5
* typeDocumentInformation6
* contentDocumentInformation6
* typeDocumentInformation7
* contentDocumentInformation7
* typeDocumentInformation8
* contentDocumentInformation8

## FE-04: Reports Module

1. Full Data Report

* ID
* Year
* Number
* Period
* Name
* Acc.num
* Type
* Creditor

1. Amounts Report

* ID
* Creditor
* Date
* payment

1. Payment Report

* ID
* Date
* Creditor
* Payment type (paid, assigned and not paid, assigned and paid)
* Payment

1. Creditor Report

* Account Number
* Date
* payment
* Payment type (paid, assigned and not paid, assigned and paid)
* Total Records
* Total Account

# Main Business process:

1. The process begins when admin receive financial data file.
2. Admin will import data into the system.
3. System will process data and display it in table as described before.
4. Admin will assign the table to one manager.
5. Manager can view the table and the statistics related to it.
6. Manager will assign the table to one or more users.
7. User can view the table and all reports related to it.

# Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| **BR ID** | **Business Rule Title** | **BR Description** | **Type** |
| BR01 | Data import | Import data from excel, text or csv files only (manually) | constraint |
| BR02 | Data view role | Manager should be able to view just his related data Procedure | constraint |
| BR03 | User data view role | User should be able view just his related data Procedure which manager has assigned | constraint |
| BR04 | Data statistics | System should generate all statistics related to data | fact |
| BR05 | Search, sort, filter, export | System should add Search, sort, filter, export functions for all tables and graphs | fact |