Strategic ERP [Enterprise Resource Planning] System Planning in Alignment with Business Planning for its Improvements

By Pvl Narayana Rao & Prof (Dr.) Tapas Kumar

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Abstract- Enterprise resource planning (ERP) system has been one of the greatest widespread business management systems, provided that benefits of real-time abilities and whole communication for business in large organizations. However, not all ERP systems implementations have been successful. Since ERP implementation touches entire organizations such as process, people, and culture, so on. There are a number of experiments that companies may come across in implementing ERP system. Business approach is significant to all organizations . Nearly more than 500 companies are implementing Enterprise Resource Planning (ERP) systems to improve the execution of their business strategy and to improve combination with its information technology (IT) strategy. This research observes business and IT planned alignment and pursues to determine whether an ERP implementation can drive business process reengineering and business and IT strategic alignment.

Keywords: *enterprise resource planning, information technology, strategic alignment, "as-is/to-be", knowledge integration.*

GJCST-C Classification: *J.1*

Strictly as per the compliance and regulations of:

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I. Introduction

a) Introduction

i. Background

K.C.P Sugar and Industries Company Ltd is unique amongst the main sugar fabricating organizations in India. Its unified business comprises of assembling and showcasing of Rectified Spirit, Extra Neutral Alcohol, Ethanol, Incidental Cogeneration of Control, Organic Dung, Mycorrhiza Vam, Calcium Lactate.

Figure 1

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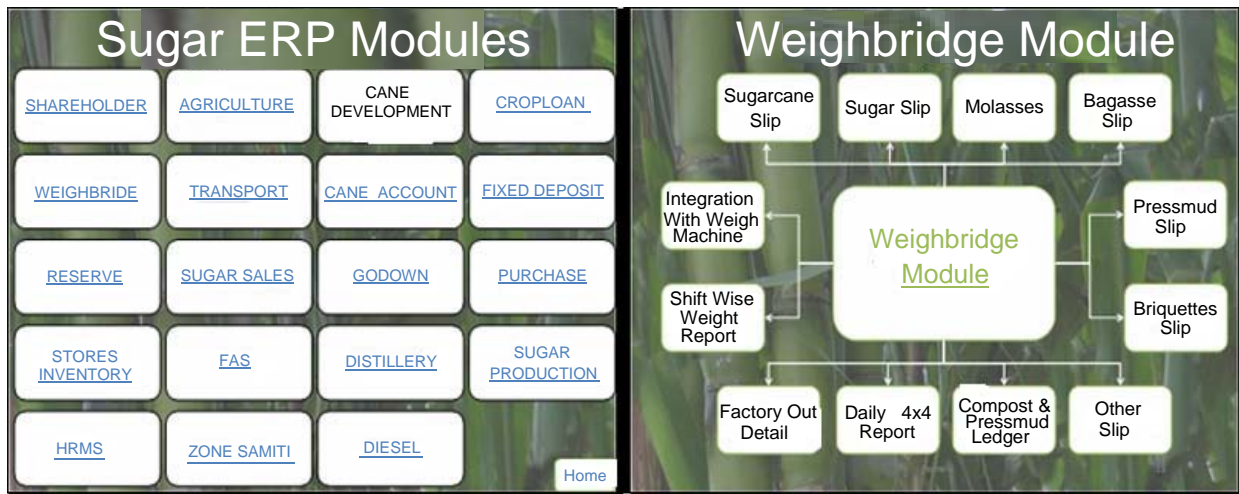
Figure 2

b) *Objectives of the Research work:* Provide a novel way to deal with SISP development definition; Establish a structure for increasing more subjective bits of knowledge into the connections of the criteria/sub criteria impacting SISP forms;.

c) *Statement of the Problem:* Since, KCP Sugar Ltd., is using ERP, It has the following significant problems were caused throughout the project in the process of abandoning its SAP software implementation. They are

1. Fake Consultants / Trainees / unqualified consulting resources on the project

2. Insufficient training and change management, poor project management and control,

3. little or no change management.

4. Waste Management Trashes Its "Fake" ERP Software

II. LITERTURE REVIEW

a) *A Review of SISP Literature*

i. *Introduction:* Goes for a decent writing audit are recognized as 'to exhibit a commonality with an assemblage of information and build up validity; to demonstrate the way of former examination and how a present venture is connected to it;

ii. *Information Feedback:* This is an outline which positions SISP in its outer surroundings (SISP is not demonstrated to; it is a subsystem of Information Systems).
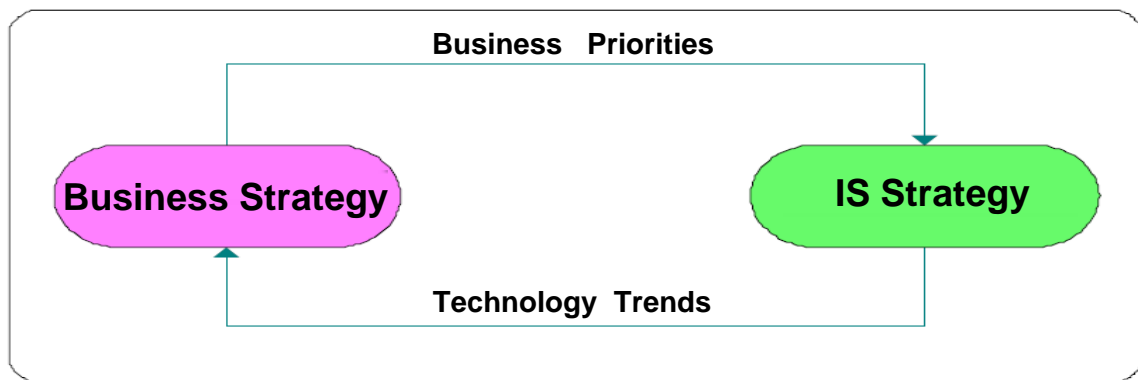

Figure 2.1: Strategic Alignment Model

III. EARLIER SYSTEM

a) *Description of the Earlier System - Practice to be preserved from the current system*

KCP Sugar and Industries Corporation Limited has detailed Code of Practices and Procedures for reasonable exposure of unpublished value touchy data and Code for Prevention of Insider Trading at the Board

Meeting postponed on 29.05.2015, to be baptized as "KCP Sugar and Skills Organization Limited – Code of Fair Disclosure.

1. *Doing it in any case:* Regularly huge ERP usage ventures come up short before they even begin.

2. *No reasonable destination:* To be clear with the desires. Once an association settles on the choice to actualize another ERP framework.

3. *A decent arrangement or only an arrangement:* A point by point arrangement is exceptionally fundamental for fruitful usage. All ventures of this size begin with some sort of arrangement.

4. *Low maintenance venture administration*

5. *Under-assessing assets required:* Most basic botch to happen is with assets anticipated. Having a strong comprehension of the inward and outside assets expected to finish the undertaking is basic.

IV. PROPOSED SYSTEM (SISP) MATURITY MODEL

a) *SISP Maturity Model*

i. *Introduction:* In this Chapter, a definitional point of view of SISP development is exhibited. SISP development levels are characterized as 'Options'. At that point, taking into account the Integral Engineering approach a SISP appraisal model is produced.
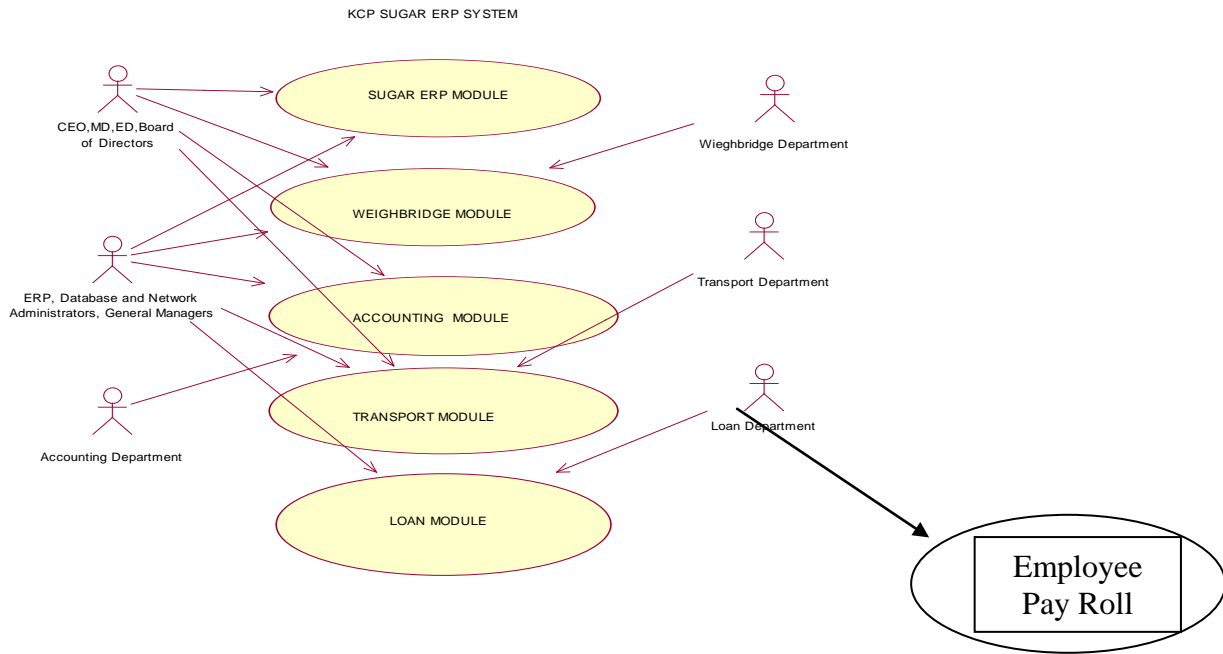
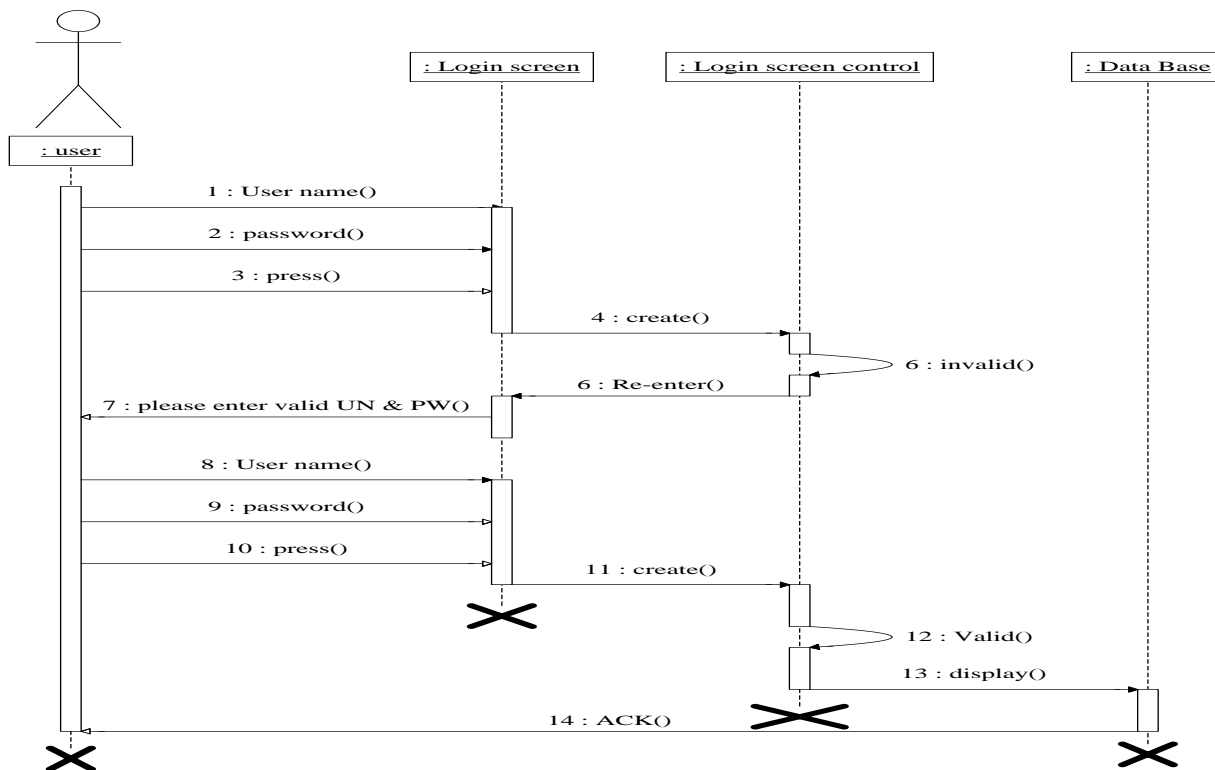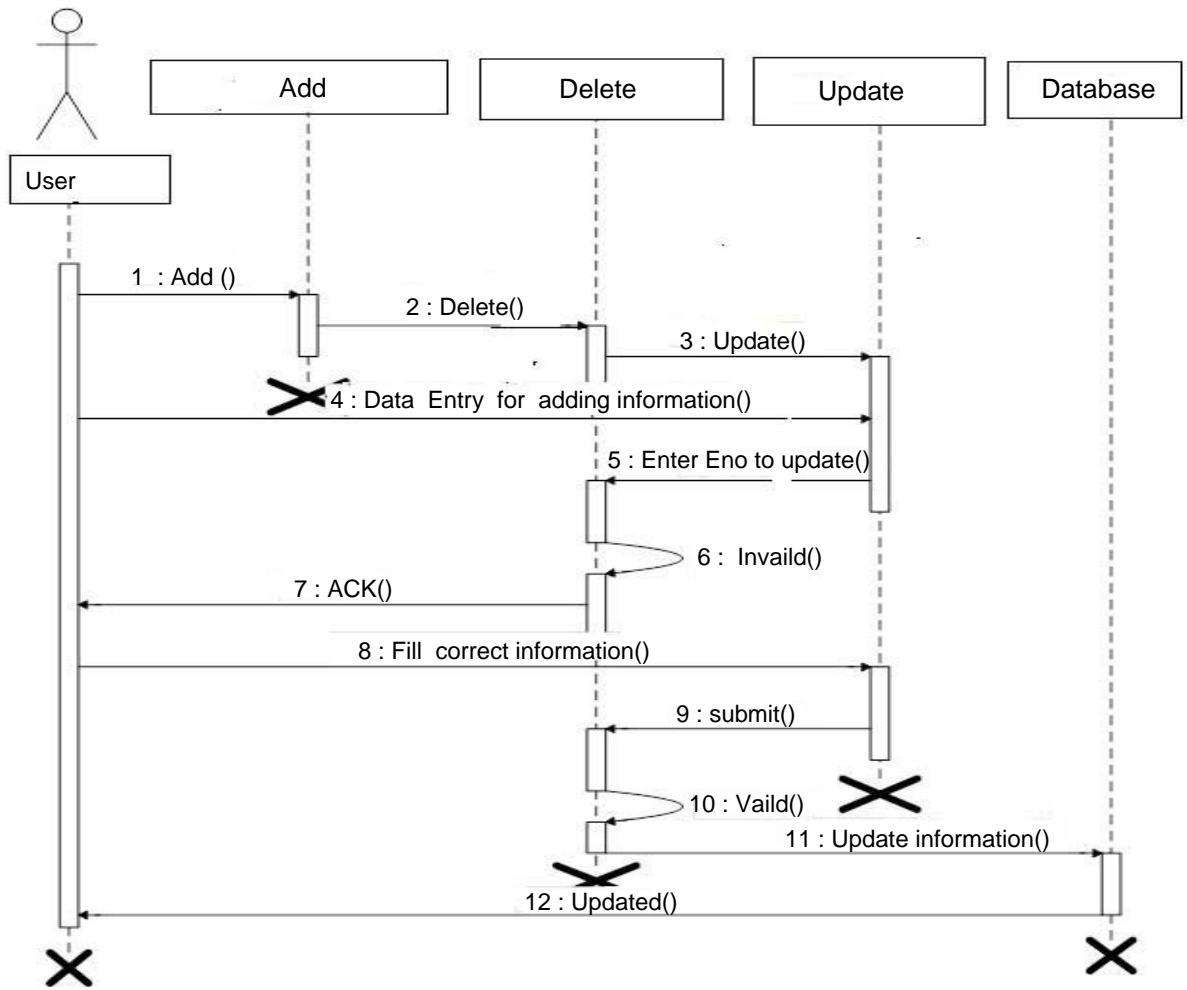ii. *UML Diagrams for Proposed SISP Maturity Model*
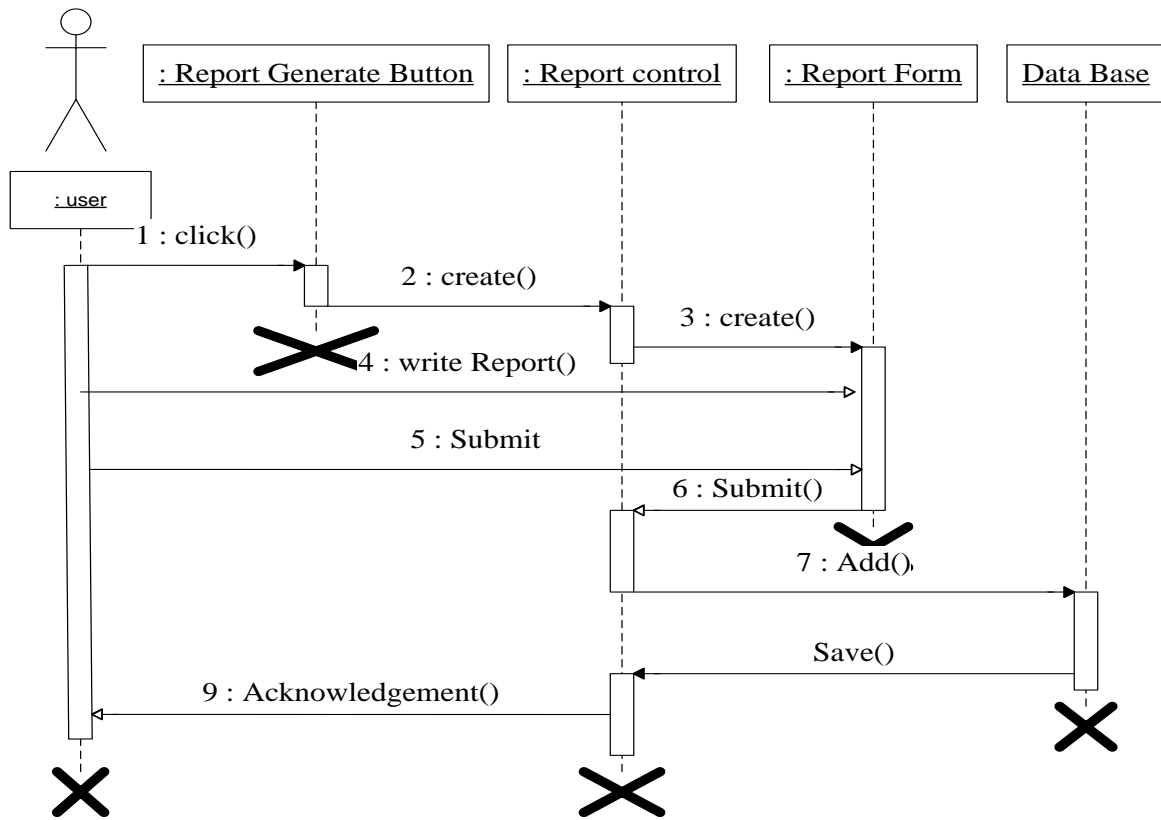

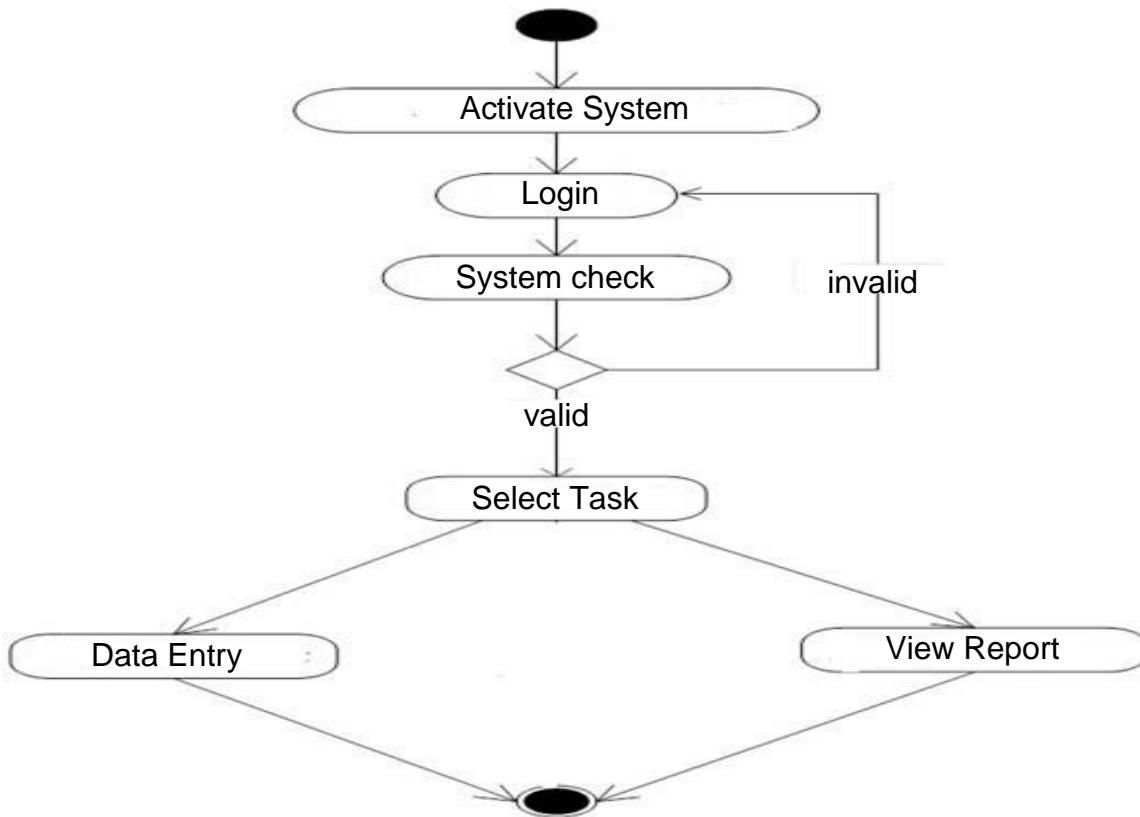*Figure 3*

Figure 4

Figure 5

Figure 6

Figure 7

V. ANALYSIS OF EARLIER DATA AND RESULTS

*a) Data Analysis*

i. *Data Preparation*

Missing data and outliers are not a problem in this study; a few missing points in two questionnaires are substituted with mean values. Table 0.1 in Appendix E lists the scales against which initial items (variables) are checked for inter-correlation using principal component factor analysis (PCA).

KCP Sugar Unit, Lakshmipuram, Krishna District, Andhra Pradesh, India

SEASON WISE CANE CRUSHED, SUGAR BAGGED AND RECOVERY

SEASON	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009- 10	2008-09	2007-08	2006-07
Cane Crushed in MTS	2,84,686	2,70,236	2,85,464	2,27,847	2,81,847	2,75,222	1,50,759	1,35,957	2,74,193	4,53,307
Sugar bagged in QTLS	2,53,263	2,34,100	2,74,470	2,06,768	2,41,447	2,50,160	1,29,206	1,22,686	2,68,948	4,67,905
Recovery (%)	8.9	8.67	9.62	9.11	8.87	9.09	8.58	9.05	9.8	10.32
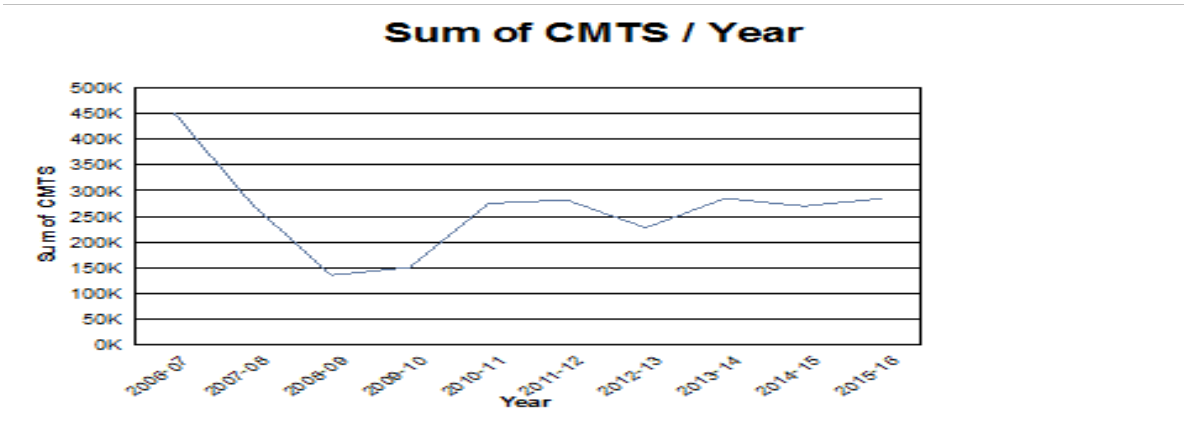
Cane Crushed in MTS
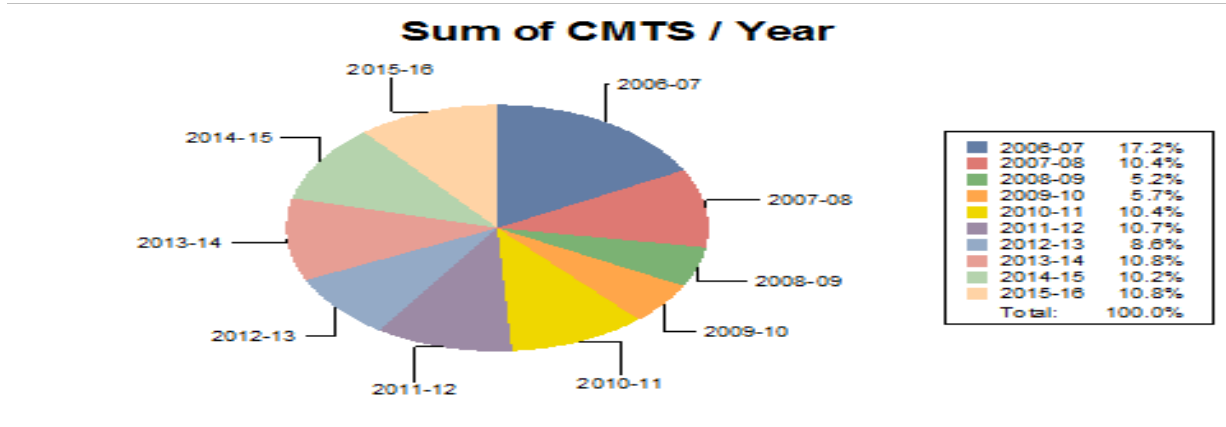
Figure 8
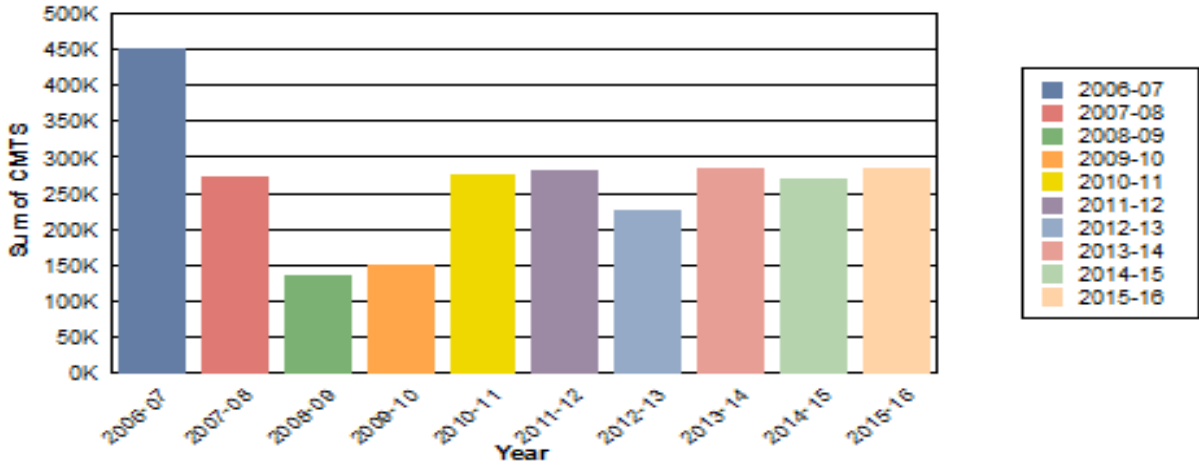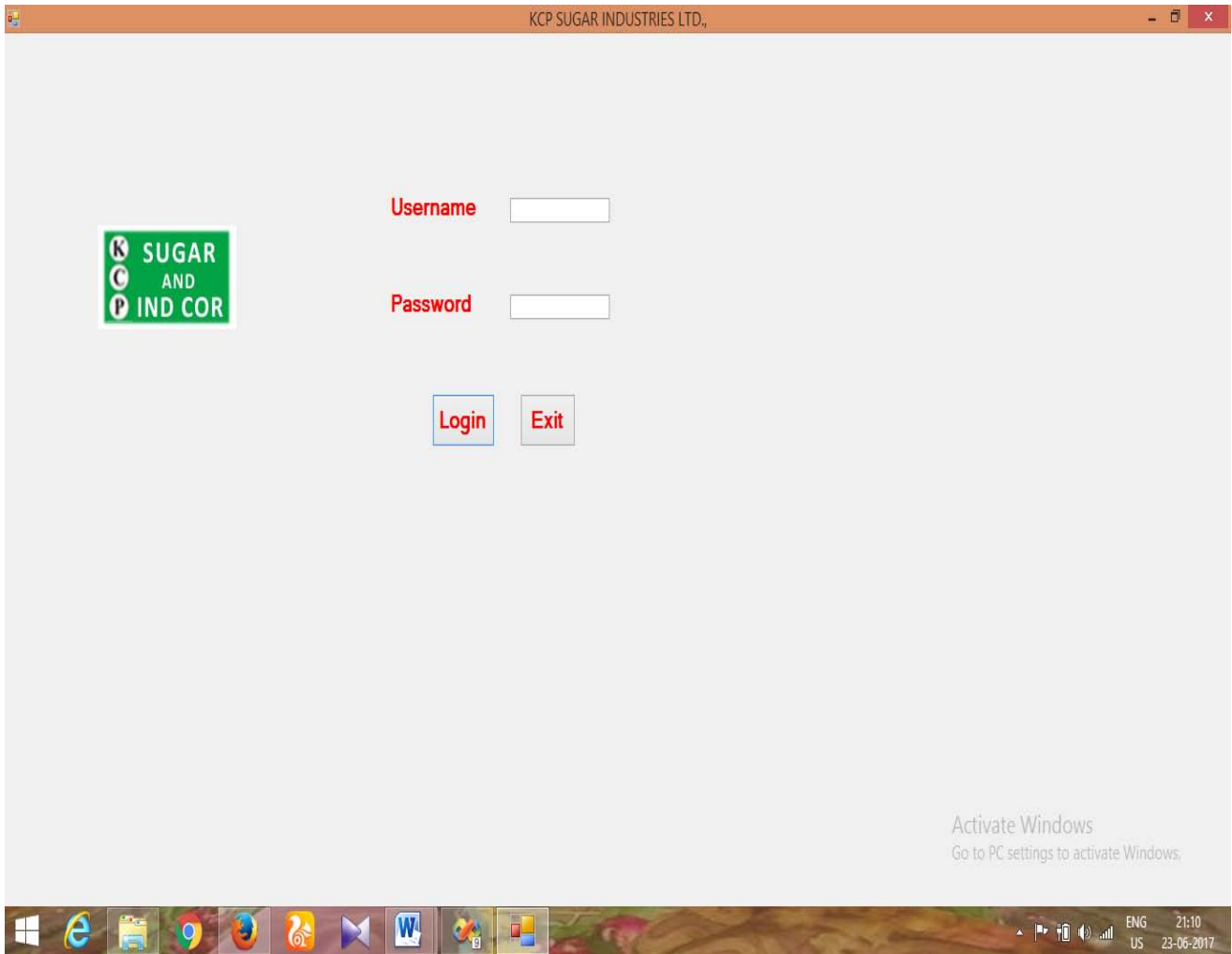
Figure 9

Figure 10

Figure 11

Figure 12

Report1
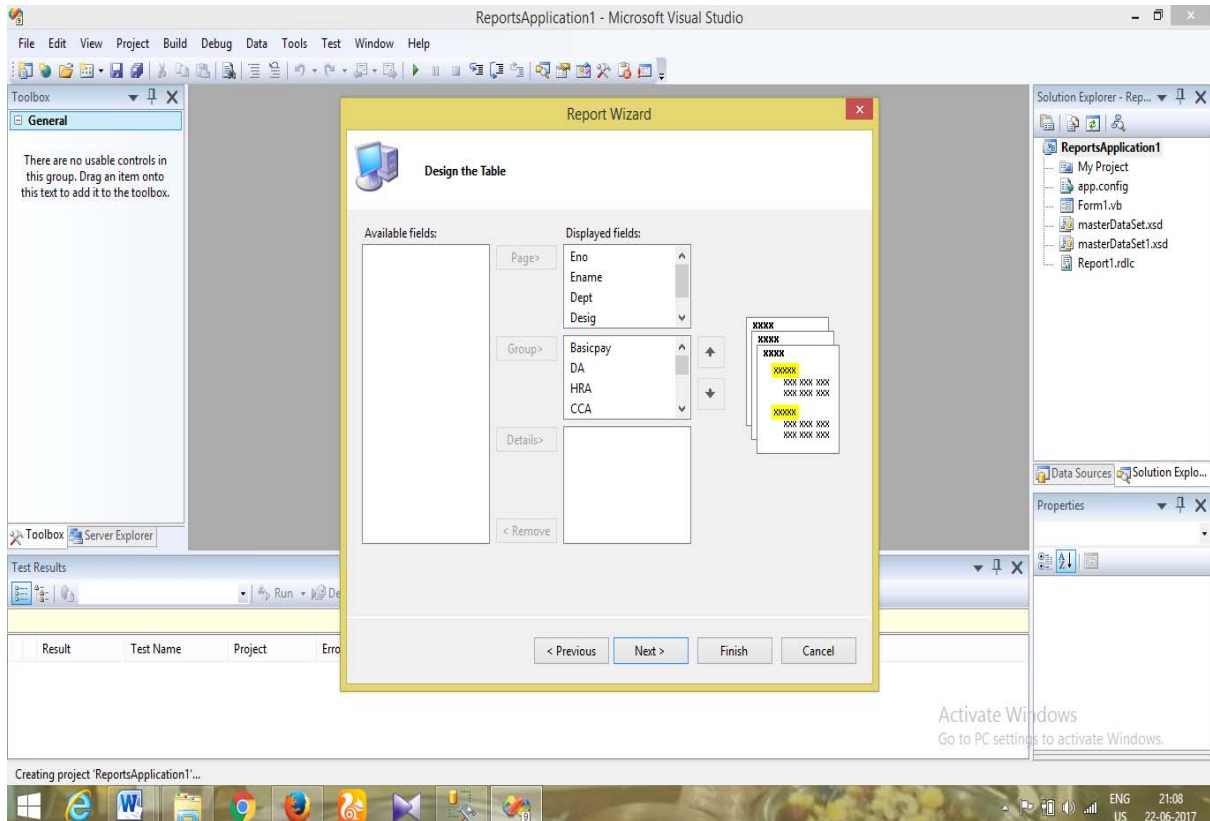
			3214.00			4563.00			6541.00			6547.00
			54.00			54.00			65.00			547.00
			654.00			654.00			789.00			654.00
			987.00			456.00			987.00			998.00
			87.00			87.00			98.00			65.00
			2000.00			1000.00			0.00			0.00
			54.00			98.00			54.00			87.00
Ename	Dept	Desig	Ename	Dept	Desig	Ename	Dept	Desig	Ename	Dept	Desig	
0000001			PRASHANTH	MECHANICAL	FOREMEN							
0000002	LAXMAN.K	ELECTRICAL	FITTER									
0000003						CHANTI.T	HR	SUPERVISOR				
0000004									PVLN RAO	IT	PROGRAMMER	

Activate Windows
Go to PC settings to activate Windows.

Figure 13

VI. DISCUSSION AND CONCLUSIONS

a) Summary of the Research Work

The examinations in this segment chiefly take after the characteristic method for advancement of this proposition. After a review of the primary goals and difficulties this study confronted, a rundown of the principle attributes of the models created is exhibited and after that the experimental discoveries are condensed.

b) Discussion –Revisiting the SISP Literature

The point of this segment is to analyze the experimental discoveries from Chapter 6 with the discoveries of the key references examined in Chapter 2.

c) Research Hypotheses

The model for SISP appraisal and the philosophy utilized gave a way to increasing more subjective experiences into the connections of the variables affecting the SISP process.

d) Implications for SISP Theory

One of the primary commitments to the SISP hypothesis is demonstrating the need to expand the SISP hypothesis by looking into the development of key IS arranging process essentially, i.e. isolation of SISP development from IS/IT and an association's development.

e) Limitations of the Research

All through this study particular constraints are highlighted. Here is a synopsis of confinements which naturally apply to this sort of examination.

VII. FUTURE EXPANSION

a) Future Expansions

Further research in adjusting the apparatuses taking into account this structure particularly for the appraisal and estimation could augment the utilization of the instruments for proactive and responsive (feed forward and criticism) control of SISP procedures.

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