PROJECT *SAKIT*

>>> MONITORING SOFTWARE

DETECTION

INTERVENTION

RECOVERY

Continue

Project *Sakit* PSMS Monitoring System

A project performance software that charts the progress of a project and provides early detection of any signs of problems. This allows managers to devise intervention schemes for recovery that will save the project from failure.

Continue

Completed Projects

Project Sakit — **Monitoring System**
PSMS

CONTENTS
of the Project Package PSMS

1. TUTORIAL
2. CHART PROJECT PROGRESS AND DETECT THOSE GOING INTO PROBLEMS
3. ROOT CAUSE ANALYSIS
4. FORENSICS
5. RECOVERY RECOMMENDATIONS
6. USER MANUAL

Continue

PSMS

Project *Sakit* Monitoring System

WHY
Project Sakit detection Software

1. EVERY YEAR MANY PROJECTS FAIL, COSTING SEVERAL HUNDRED MILLIONS TO COMPLETE
2. EARLY DETECTION PROJECTS WILL PREVENT FAILURE AND WILL BENEFIT END USERS
3. RESPONSIBILITY OF DELIVERY IS WITH THE CONTRACTOR
4. A TOOL TO DETECT AND PREVENT FAILURES IS NEEDED TO ACHIEVE THIS
5. ABILITY TO DIAGNOSE FAILED PROJECTS USING STATISTICAL FORENSIC ANALYSIS
6. ABILITY TO CHART RECOVERY PLANS FOR PROJECT TO BE COMPLETED ON TIME

Continue

PSMS
Project Sakit Monitoring System

NEW PROJECT

EXISTING PROJECT

Continue

Project Sakit PSMS Monitoring System

Projek Sakit Monitoring System

| **Project Details** | User Details | Data Analysis | Progress Data | Probability Analysis |

Project Name :

Project Address :

Project Owner/Client :

Name of Contractor :

Address of Contractor :

Date Start : | 30/12/2016 ⌄

Date Finish : | 30/12/2016 ⌄

Contract Period :

Project Value :

Previous

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Project *Sakit* **PSMS** Monitoring System

Projek Sakit Monitoring System

Project Details | **User Details** | **Data Analysis** | **Progress Data** | **Probability Analysis**

Person Reporting Progress :

Designation :

Company Name :

Contact Details :

Email :

Date :

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Project Sakit PSMS Monitoring System

Projek Sakit Monitoring System

Project Details | **User Details** | **Data Analysis** | **Progress Data** | **Probability Analysis**

Measurement Frequency : Months

Measurement Data :
- ☑ Physical Progress
- ☐ Progress Payment

Planned Progress :
- ⦿ User Entry
- ○ Auto Generate

Months	Planned Progress	Physical Progress	Cum. Actual Progress	Cum. Planned Progress
1	1	2	2	1
2	2	2	4	3
3	3	2	6	6
4	3	2	8	9
5	4	2	10	13
6	5	2	12	18
7	7	2	14	25
8	7	3	17	32
9	8	3	20	40
10	9	3	23	49

Previous **Next** **Save**

Project Sakit PSMS Monitoring System

Projek Sakit Monitoring System

Project Details | User Details | **Data Analysis** | Progress Data | Probability Analysis

Measurement Frequency : Months

Measurement Data :
☑ Physical Progress
☐ Progress Payment

Planned Progress :
⦿ User Entry
◯ Auto Generate

Months	Planned Progress	Physical Progress	Cum. Actual Progress	Cum. Planned Progress
1	1	2	2	1
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6	5	2	12	18
7	7	2	14	25
8	7	3	17	32
9	8	3	20	40
10	9	3	23	49

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Project Sakit PSMS Monitoring System

Projek Sakit Monitoring System

Project Details User Details Data Analysis **Progress Data** Probability Analysis

Number of Data :	10
Mean :	2.6
Std. Dev. :	2.466
Min Value :	2
Max Value :	9

Results and recomandations : -

Probabality project will complete on time is : 59.14%

Therefore the probability project will face problem (and fail) is : 40.39%

Please recover the lag to avoid project failure.

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PSMS
Project *Sakit* Monitoring System

REPORTING TEMPLATE

1. PROJECT NAME :...

2. PROJECT ADDRESS :...

3. CLIENT :...

4. START DATE :............................. END DATE:.....................................

5. REPORTING DATE :.............................

6. ACTUAL PROGRESS :...........................% SCHEDULED PROGRESS:................%

7. NAME OF REPORTING PERSONNEL:... DESIGNATION:...............................

8. CONTACT DETAILS (MOBILE) :............................. OFFICE PHONE:...

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(SHOW THE ACTUAL VS PLANNED CUMULATIVE CHART HERE)
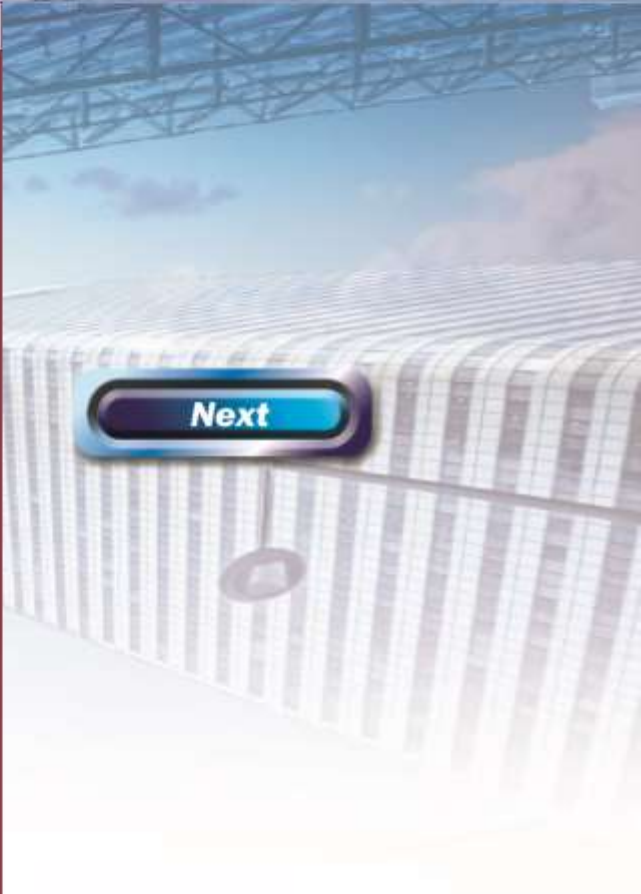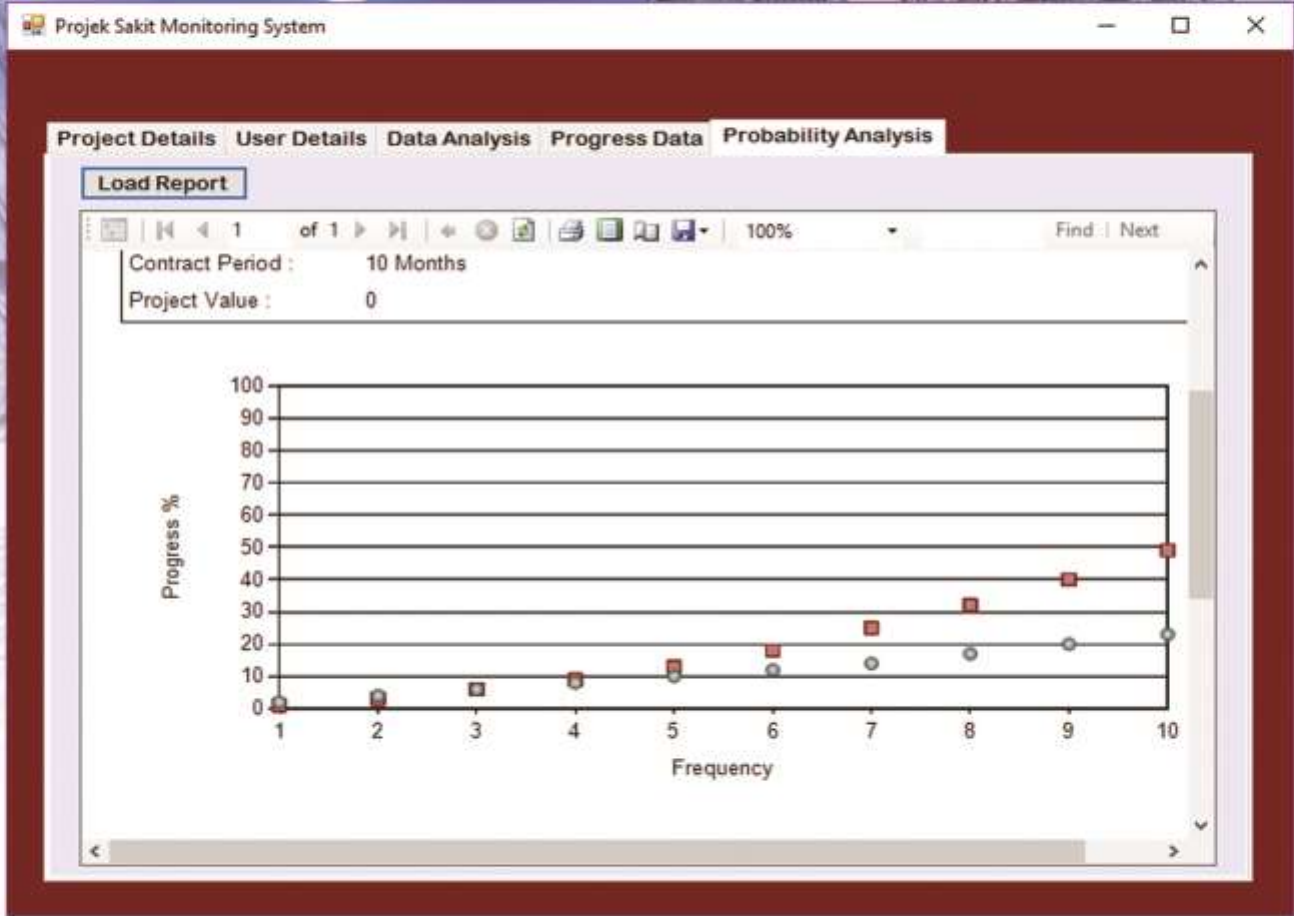
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Next

ANALYSIS RESULT AND RECOMMENDATION (The Threshold of Project Sakit is 15%)

1. ANALYSIS SHOWS THAT THE PROJECT HAS …….% PROBABILITY IT WOULD NOT COMPLETE ON TIME AND COULD FAIL.
2. IF THE RESULT IN 1.0 ABOVE SHOWS LESS THAN 15 % PROBABILITY OF FSILURE, THEN THE PROJECT IS NORMAL
3. IF THE RESULT IN 1.0 ABIVE SHOWS GREATER THAN 15% PROBABILITY OF OF FAILURE, THEN THIS PROJECT NEEDS
4. URGENT ATTENTION FROM THE MANAGEEMNT TEAM BEFORE IT GETS DELAYED FURTHER AND FAIL

Save

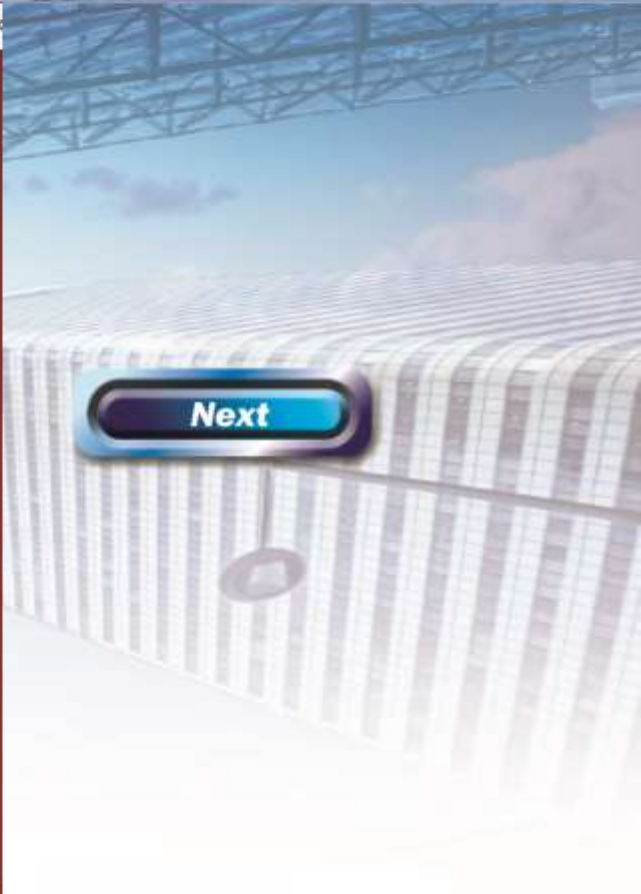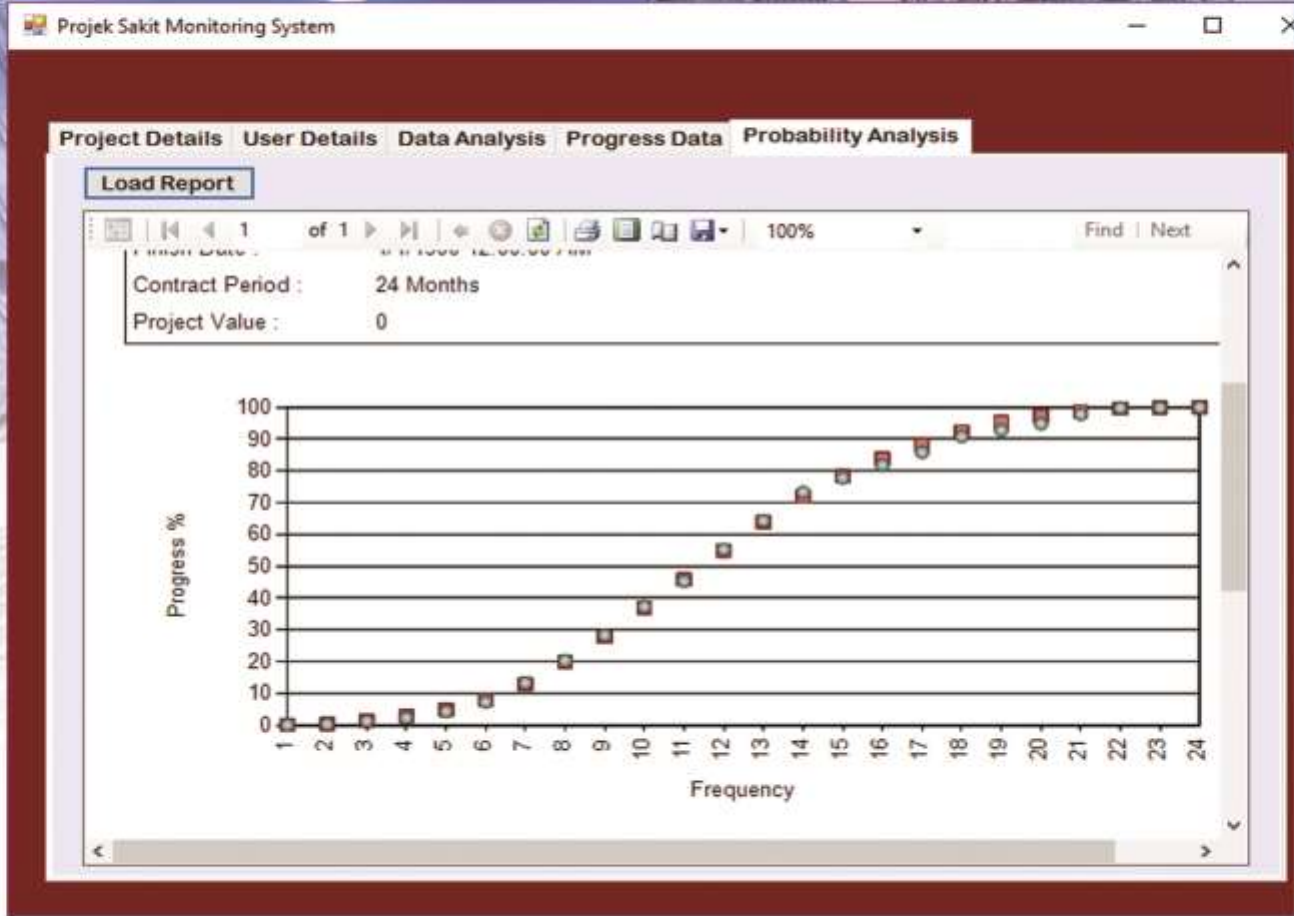Project Sakit PSMS Monitoring System

Projek Sakit Monitoring System

Project Details | User Details | Data Analysis | Progress Data | **Probability Analysis**

Load Report

◄ 1 of 1 ► ►| | 100% | Find | Next

Finish Date :   4 /1/1900 12:00:00 AM
Contract Period :   24 Months
Project Value :   0

Chart — Progress % vs Frequency (1 to 24)

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Next

Save

On the Project Info Page during input, please add the following blank spaces to be filled. These spaces are not Compulsory.

1. Number of Engineers above 10 years of experience on the project……………
2. Number of Engineers above 5 years of experience on the project…………..
3. Number of QS of Cost Engineers on the project ………………
4. Number of Site Engineers ……………………….
5. Number of Site Supervisors and Clerk of Works …………………..
6. Number of Machines working on the project …………….
7. Number of machine operators available on the project …………
8. How many cranes on site , if any………….
9. Is this an IBS project YES/NO
10. Type of project:
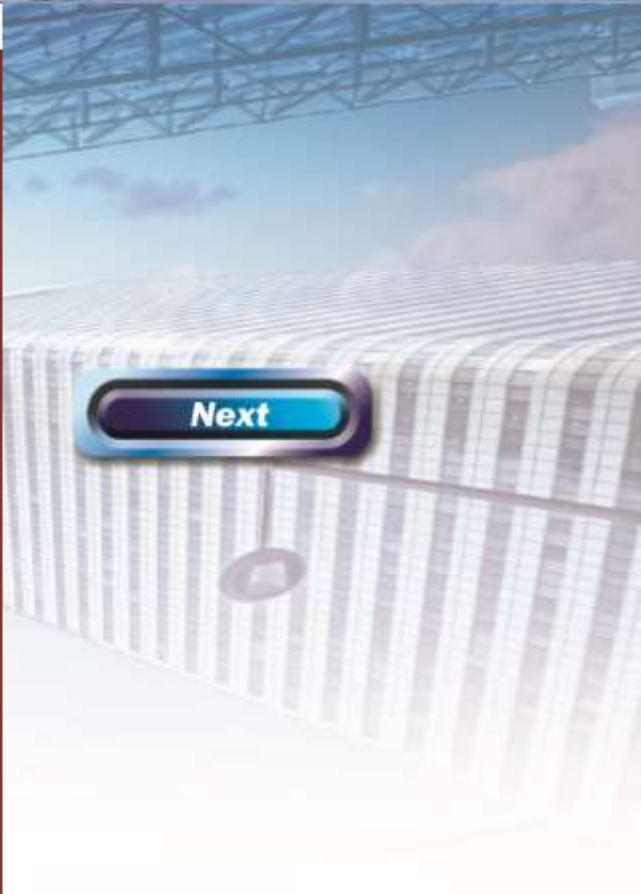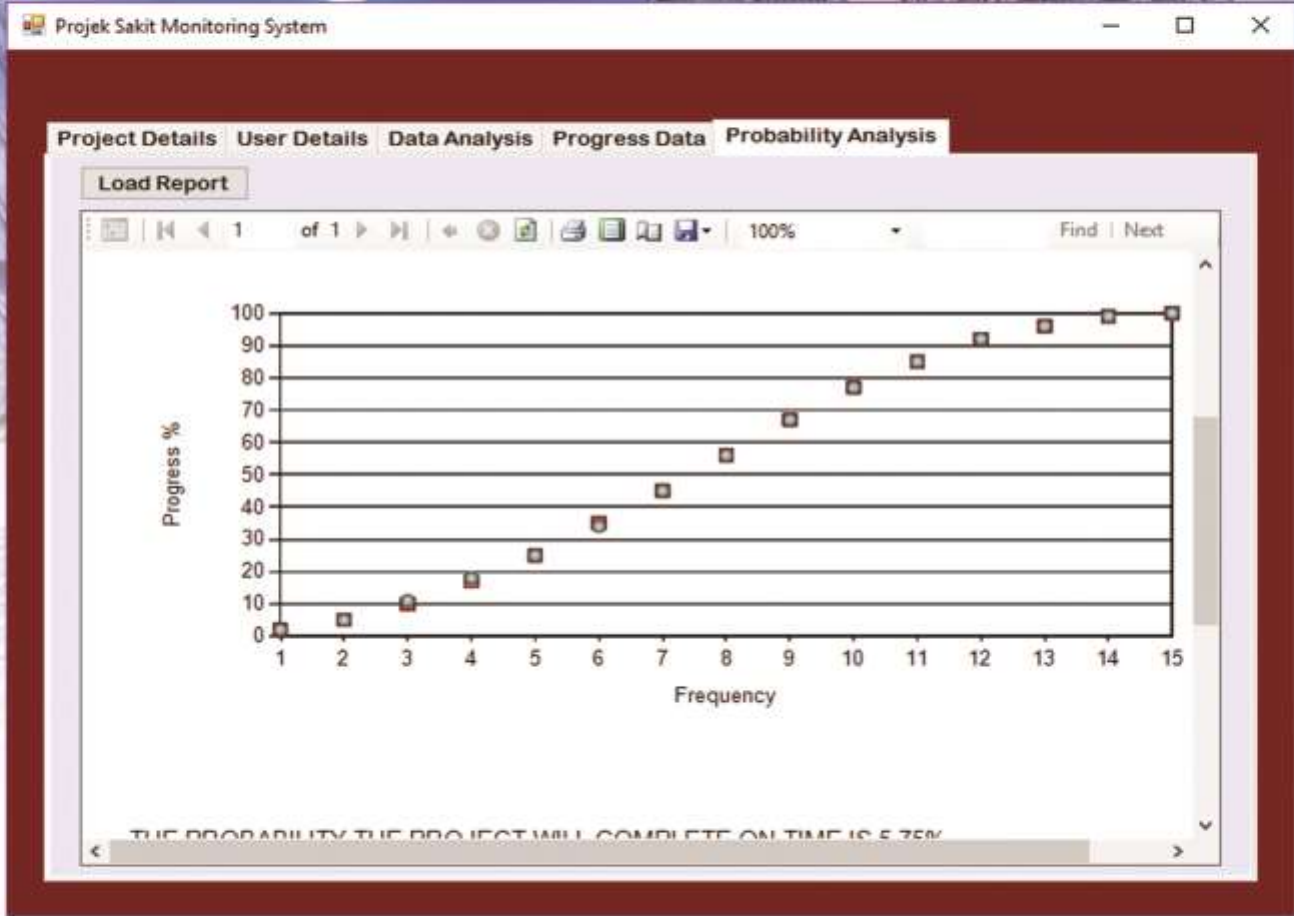   **BUILDINGS/HIGHWAY/INFRASTRUCTURE/AIRPORT/PORT/EARTYHWORKS/OTHERS**

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Save

Project *Sakit* PSMS Monitoring System

Projek Sakit Monitoring System — □ ×

Project Details   User Details   Data Analysis   Progress Data   **Probability Analysis**

Load Report

| 1 | of 1 | 100% | Find | Next

THE PROBABILITY THE PROJECT WILL COMPLETE ON TIME IS 5.75%

Save

Project *Sakit* PSMS Monitoring System

Thank You
Towards A Better Living World

REPORTING TEMPLATE
PLEASE INCLUDE THE FOLLOWING IN THE REPORTING TEMPLATE WHICH COULD BE PRINTED, AND SEPERATELY SAVED SO THAT IT COULD BE EMAILED TO SITE MANAGERS OR OTHERS.

1. Include here the project information, eg name of project, address etc as discussed.
2. Place the plot of the cumulative progress of the actual , and the planned
3. Write the following in large font and distance apart:

a. THE PROABILITY THE PROJECT WILL COMPLETE ON TIME IS …..%
b. THE PROBABILITY THE PROJECT WILL FAIL, GIVEN THE CURRENT PERORMACE IS ……%
c. THE THRESHOLD OF PROJECT SAKIT IS 15%, THUS THE ABOVE PROJECT IS SLIDING AND FACING POTENTIAL THREAT OF FAILURE. THIS PROJECT NEEDS CLOSER ATTENTION, AND ACTION MUST BE TAKEN IMMEDIATELY TO STOP THE SLIDE.

4. INTERVENTION SHALL INCLUDE THE REVIEW OF PROJECT MANAGEMENT PROCESS FOR THE PROJECT INCLUDING
5. CHECK ON RESOURCES, PERSONNEL, EQUIPMENT, INVENTORY, CASH FLOW AND EXTERNAL PROBLEMS.

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