

INTRODUCTION

NOV Profab was established to meet the customer needs demanded by the oil and gas industry characterized by rigorous processes, high specifications, low cost and on time. Profab Indonesia is recognized as a fabrication company with core competencies in areas such as pressure vessels, modules, skids, platforms, subsea, mooring equipment, piping and specialist structures. In the implementation of Oil and Gas projects, all projects have work that has been determined in the contract between the company and the client, therefore a project must be completed before the specified work deadline or exactly at the specified working time.

PT NOV Profab, more precisely the QC (Quality Controller) department uses the CuteQM application in managing project data which was only used in mid-2023. Currently, there are no procedures or guidelines in the steps of the CuteQM system, so only a few employees who can use it are taught directly by the creator of the application.

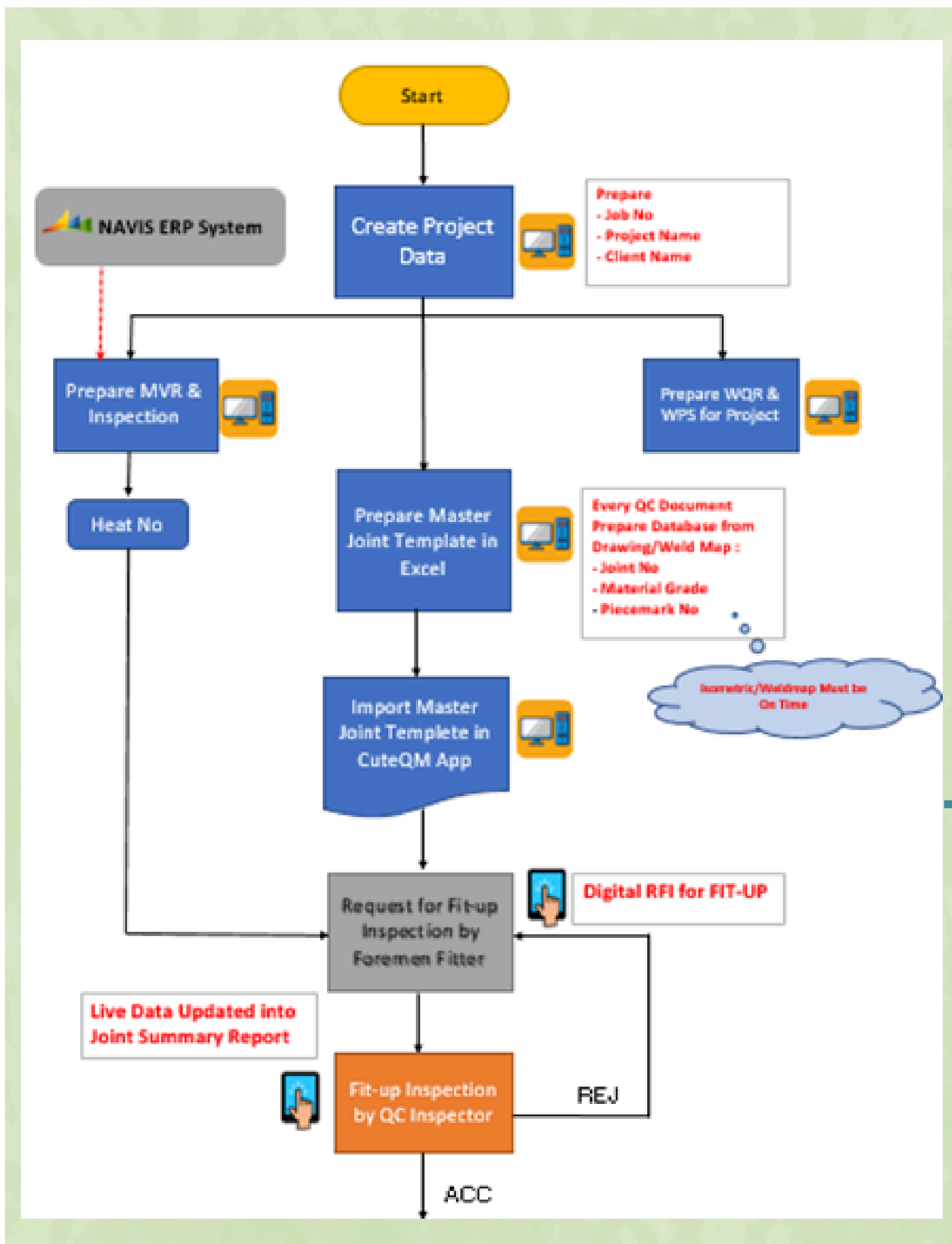
THEORETICAL FOUNDATION

Quality Control Inspection&Document

Inspection is a person's careful and thorough examination of regulations, work, and other matters. In the context of quality control, it involves a detailed examination of a product to determine whether it meets established standards and regulations. Document Control is responsible for ensuring that distributed documents conform to applicable standards. Quality control, often referred to as QC, is essential in various industrial sectors, including fabrication and manual production. QC is a process that aims to assess the quality of all aspects involved in production activities.

CuteQM (cuteQualityManager)

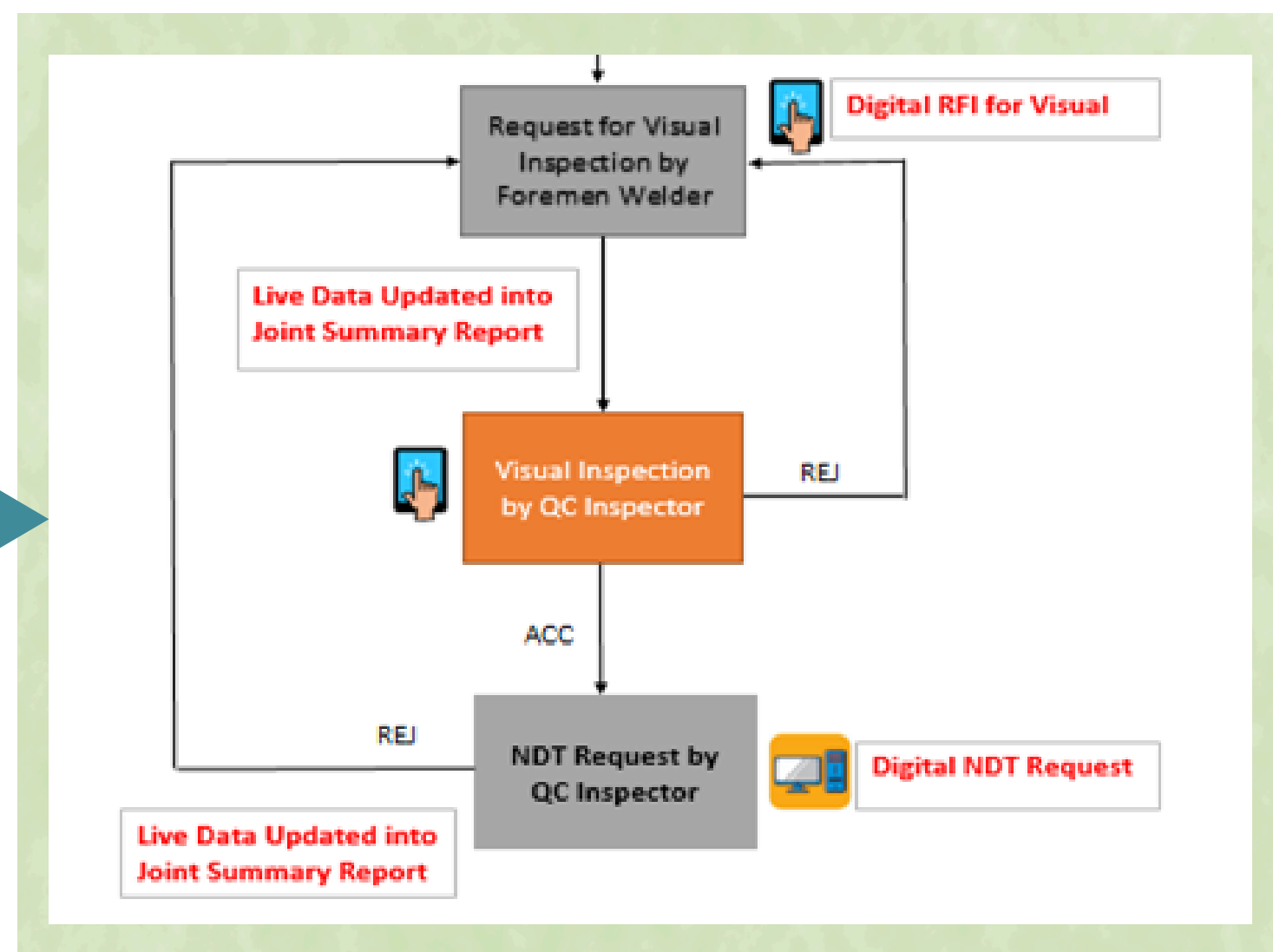
CuteQM is an easy-to-use tool to manage all QA/QC operations and increase productivity. It simplifies the entire QA/QC function down to the final documentation. CuteQM greatly helps to reduce the repetitive data entry work of inspectors and technicians and many manual data errors can be avoided. With a single interface, management, production team, QA/QC, NDT companies, clients and third parties can have their own relevant views and share knowledge about the project appropriately.



SOLUTIONS

Since there are no procedures or guidelines in the steps of the CuteQM system, the author will create a manual or work instructions for the use of the CuteQM application, in order to serve as a reference for employees who are not familiar with the application.

The benefits received by the company are increasing the productivity of the company as well as helping the staff and employees in the company's operational process with the involvement and contribution made by Batam State Polytechnic students in carrying out the existing work process.



REFERENCES

Ilmiah, J., & Pendidikan, W. (2022). No Title. 8(September), 228–237.
 Pambudi, F., Athallah, H., Abizar, H., Vokasional, P., Mesin, T., Sultan, U., & Tirtayasa, A. (2022). Seminar nasional kependidikan fkip ust. 1(1), 23–32.

SYSTEM CUTEQM

This section will explain the steps to use the CuteQM application/website on Structural for workers in the QC Document Controller began starting from the login menu to the entire application menu used. Important points that must be remembered in the order of work are Master data > Fitup > Visual > NDT.