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e-MEVA (E-METHOD VERIFICATION)

Product tagline: "In-house local brand that meets the international standard, user friendly, stable, secured and ISO compliance in laboratory testing"

Introduction

- e-MEVA software platform offers basic and advanced data verification analysis and managing information of diagnostic test method for Medical Diagnostic Laboratory or Research Institute that has variety of high-tech testing equipment with high samples load.
- Its ease of use; efficient system; flexibility and scalability make it accessible to user with all skill levels to follow the International Standard Organization (ISO) and ensure the laboratory accreditation achievement status is maintain.

Problem Statement

- Data verification method for a laboratory is a complex task and most importantly must fulfill the ISO
- Inaccurate laboratory results lead to medical error that complicates patient management decision.
- Unfortunately, the process involves manual data entering, abundance of tedious steps with difficult and sophisticated formula **which lead to human error and stress.**

Inventiveness and Novelty

- Fulfill the ISO 15189:2014 and ISO 900:2008, 15189 and 17025
- The analyzed data by e-MEVA software is 100% similar with using SPSS (Statistical Package for the Social Sciences) program

Intellectual Property Status

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Usefulness and Application

- e-MEVA has **TWELVE (12)** sophisticated verification function or test method
- Automated data calculation with a wide range of algorithms and capabilities and graphical data-science
- User password; secured data safety; download function; printing the analyzed results and notification system for next verification process

Status of Invention

- Ready for commercialization
- **Current user:** Hospital USM (Endocrine Lab/ Immunology Department/ Microbiology Department/ Pharmaceutical Lab/ Therapeutic Drug Administration Unit)

Commercial Potential

- All Medical Diagnostic Lab / Research Institute (Public & Private) Malaysia and South East Asia.

Potential Partners

- Not obtained yet

Knowledge Management

- Innovation Seed Fund 2019 from Universiti Sains Malaysia

Impact of the Product

- The institution able to achieve or maintain the consistency of their laboratory operation and international quality recognition
- Improve management efficiency, minimize risk and safe money
- Able to help organization anticipate changes and take action to improve outcome

