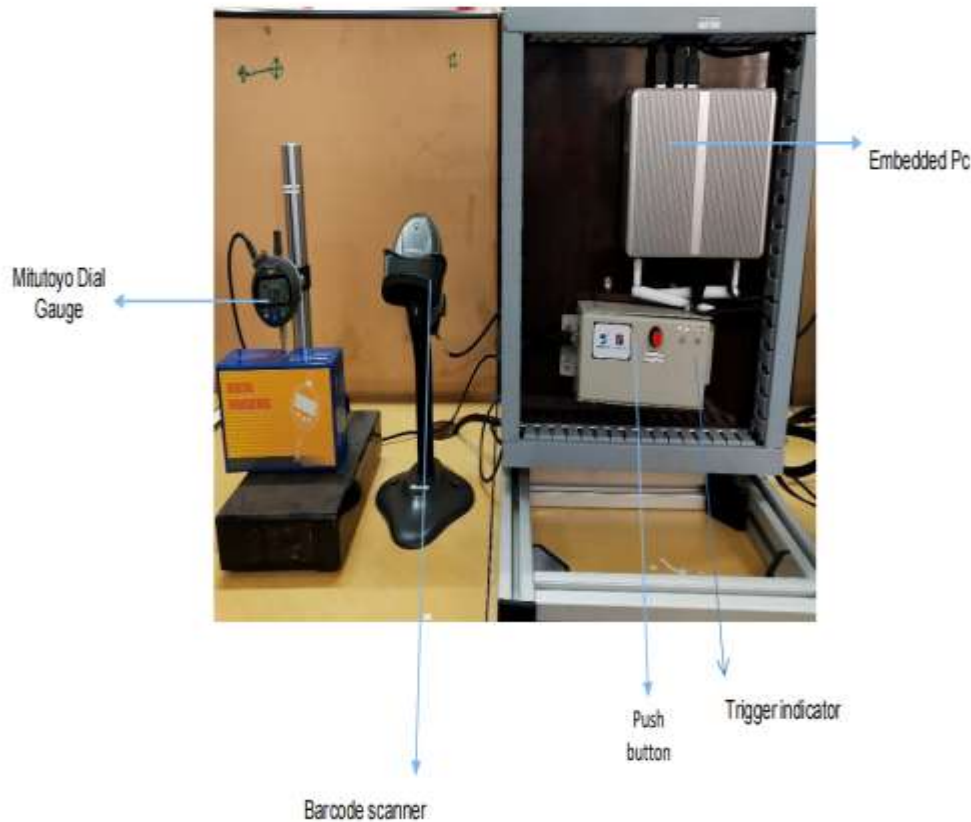


# CHECKING FIXTURE KIT

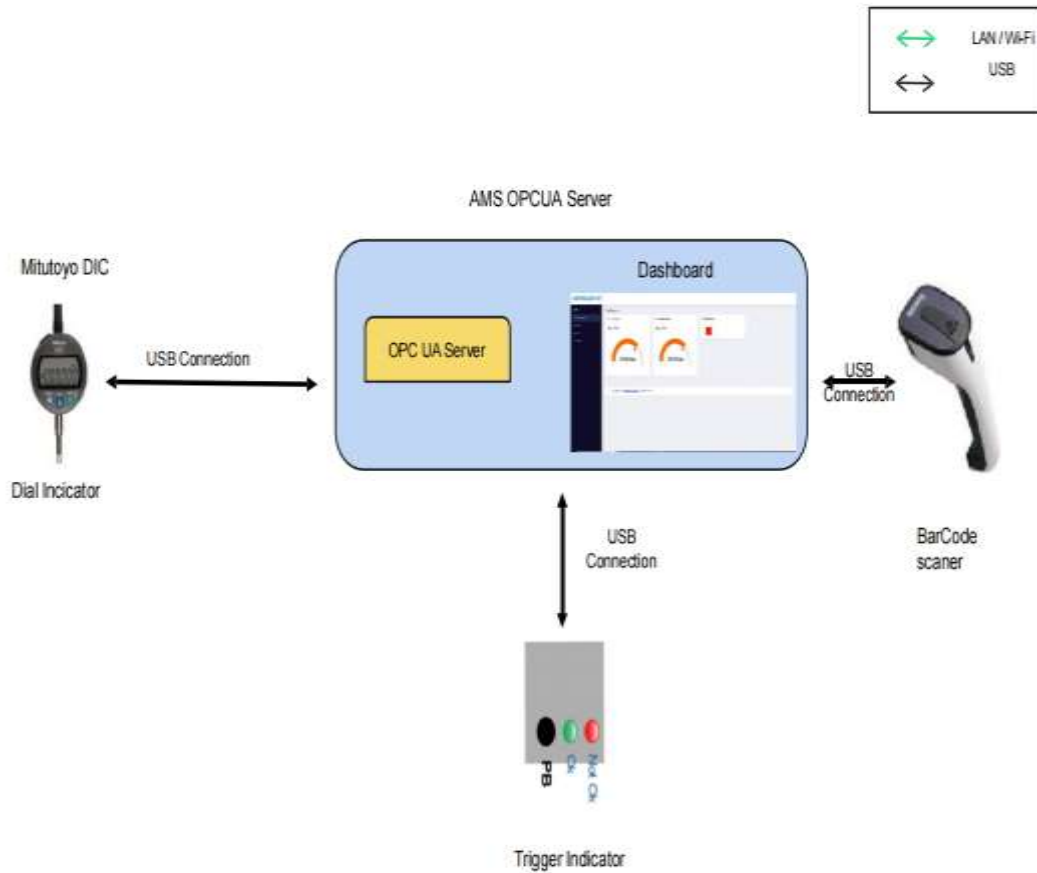


## Introduction

The Checking Fixture Kit, integrated with SloT (Social Internet of Things), fosters heightened connectivity for businesses and individuals with the world around them. This advanced level of connectivity facilitates more meaningful and sophisticated tasks, empowering users to engage in higher-level work specifically within the domain of checking fixtures.

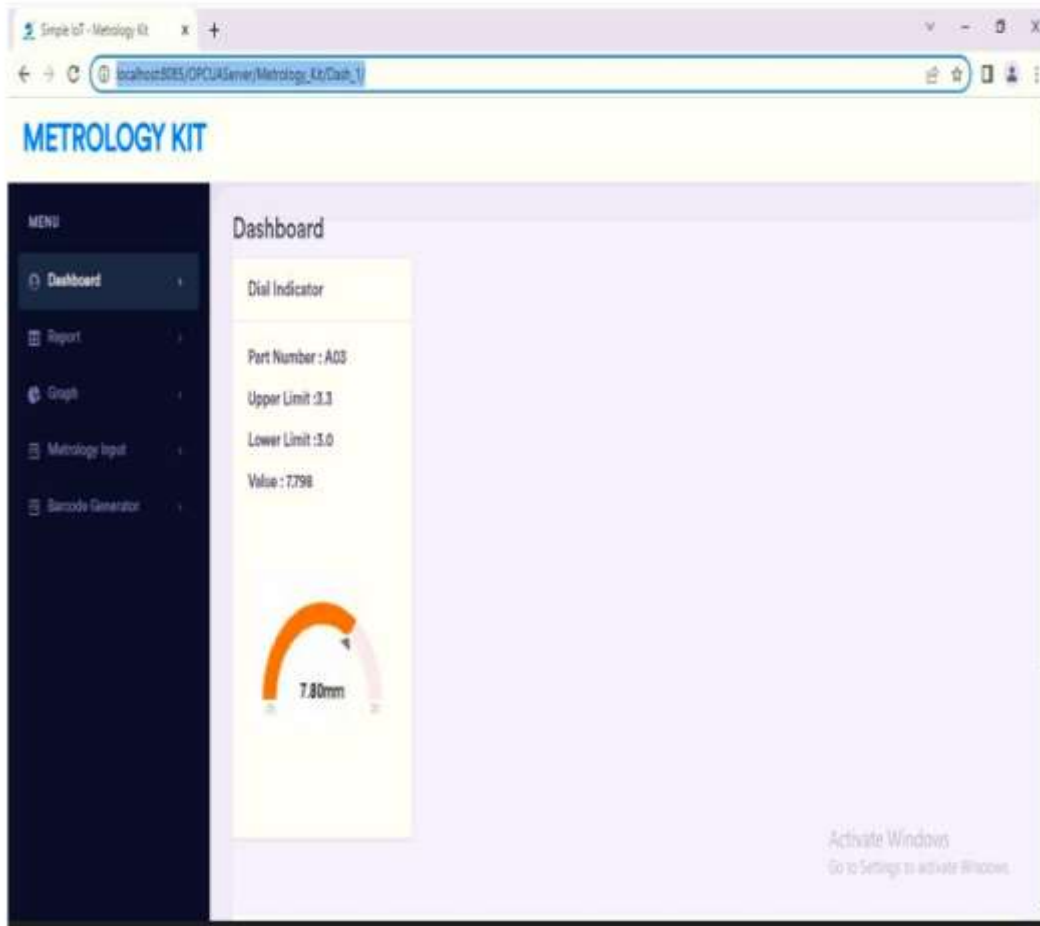
## Purpose

- SloT metrology kit is very much beneficial to measure the various dimensions of the components, which intact projects the same in dashboard
- Web and mobile-based visualization of Dial Indicator data



## Checking Fixture kit - Architecture

The component should be aligned with the reference points using the checking fixture. After scanning the part number with a barcode scanner, the dial indicators are able to capture dimensions based on the input received from the system controller. Once the data is captured, it is stored in the embedded PC through a protocol converter. After analyzing the data, this system will decide whether the component is OK or Not OK. Analyzed data is passed to the system controller for determination of whether a component is OK or not. Simple IoT website provides analytical dashboards based on actual dimensions and part number data stored in a database. On a daily basis, reports are generated and sent to the end user.



## Checking Fixture Kit - Dashboard

Checking Fixture Kit provides

- Analytic Dashboard
- Predictive Dashboard
- Report
- Automatic report generation
- Alarm & Events triggered
- Automatic Sending report via Email

# Thank You

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