

## ITS Asset Inventory Tracker

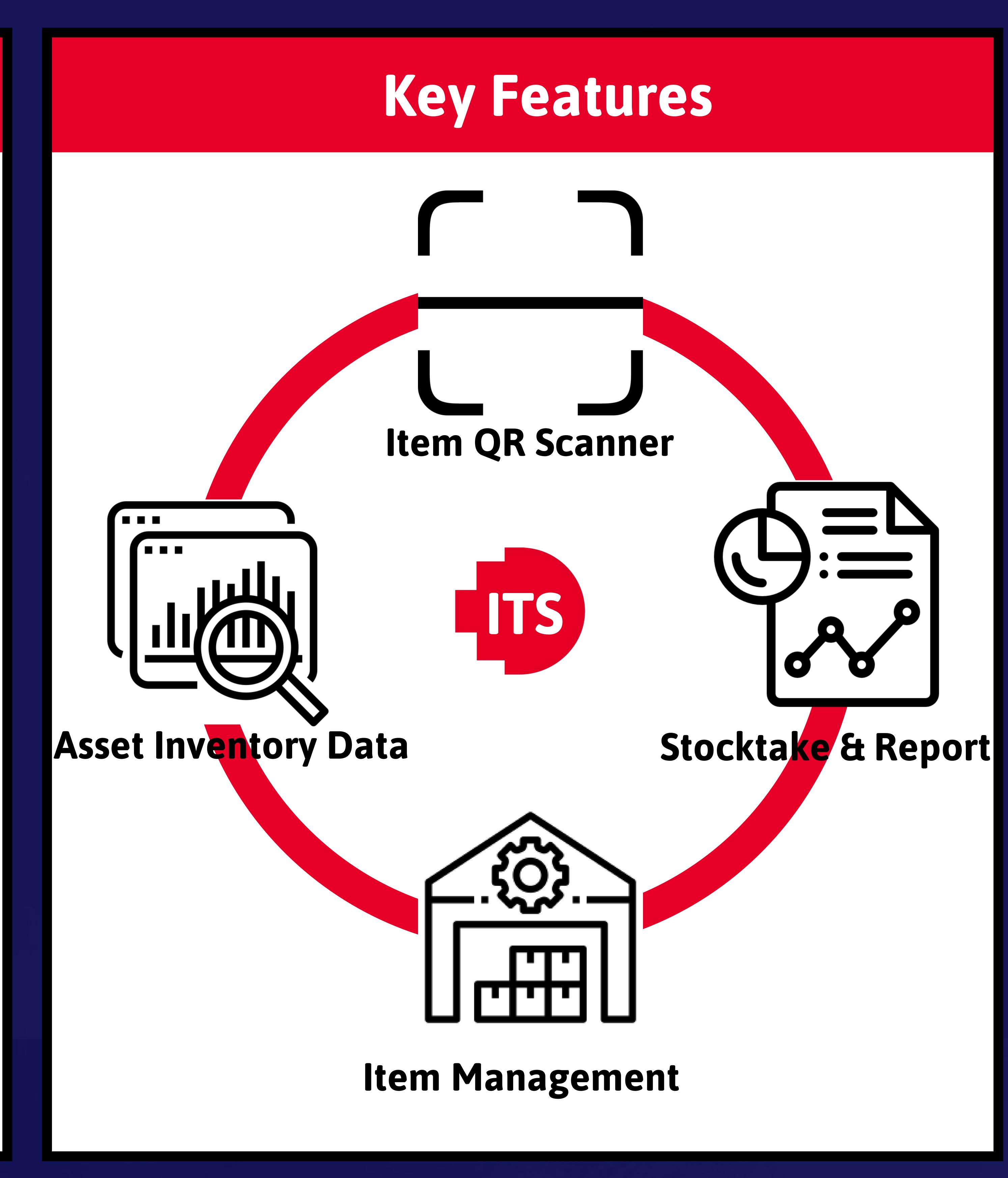
## Background & Motivation

RMIT University's IT Services manages a rapidly expanding inventory of endpoint devices (laptops, projectors, desktops, etc.) across multiple campuses. Currently, asset data is manually recorded in isolated SharePoint lists, a system that is no longer sustainable.

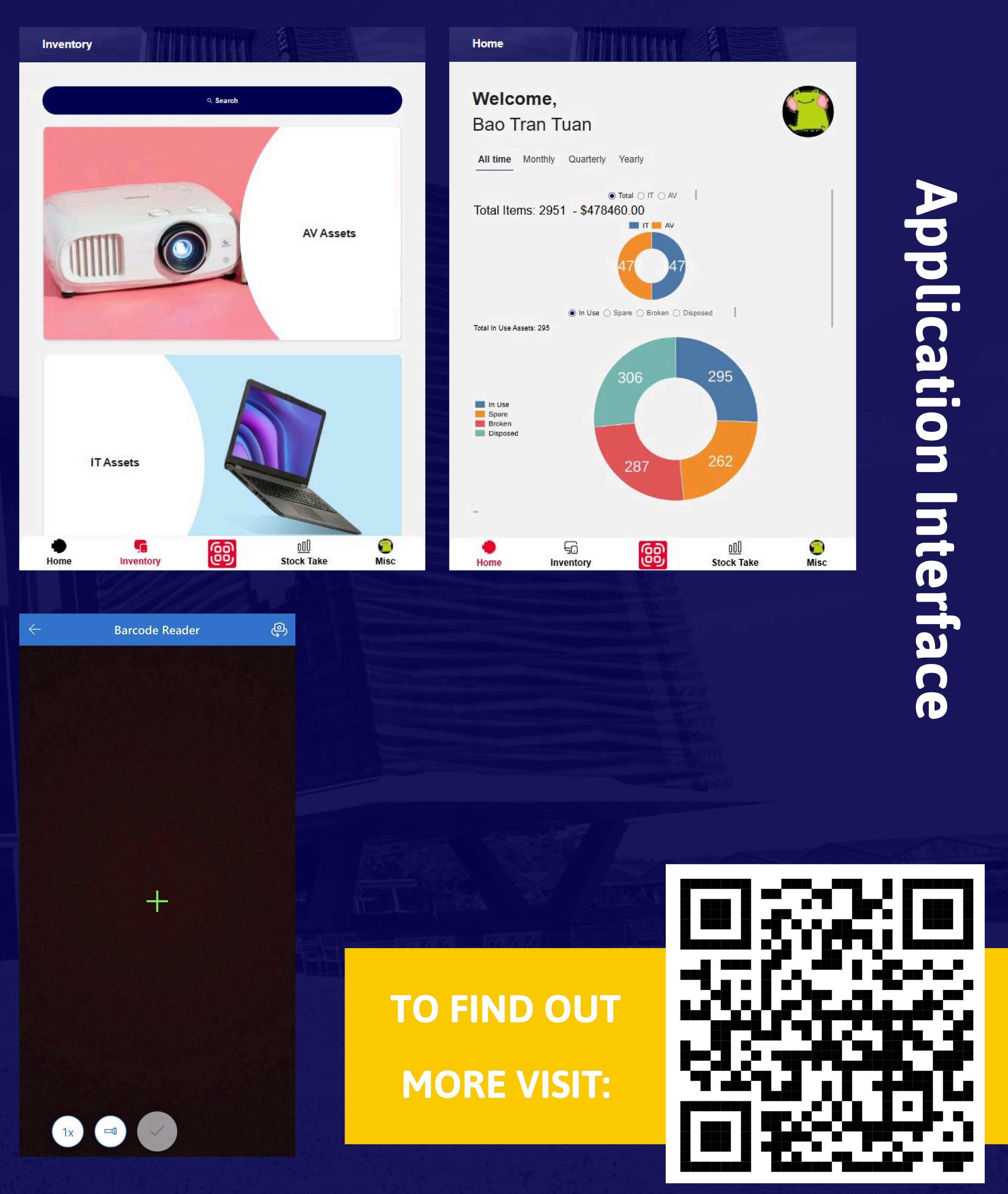
This manual approach presents critical challenges:

- Error-Prone Data: Manual entry leads to inaccurate records, compromising data reliability.
- Inefficient Verification: Physically locating and reading serial numbers from devices is time-consuming, difficult, and poses safety risks.
- Lack of Real-Time Visibility: Outdated records hinder decision-making, budget planning, and compliance reporting.
- Poor Scalability: The process cannot efficiently support the growing number of devices, increasing administrative overhead and audit risks.

This project aims to develop a modern QR code-based tracking system to automate data entry, provide real-time asset visibility, and establish a scalable framework for future growth.



## System Design & Tech Stack System Design: Power Apps Power Automate Power Apps Power Apps Power Automate SharePoint QuickChart API Power Apps Power Automate Power Apps Power Automate SharePoint QuickChart API



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