



Enterprise Information System in University

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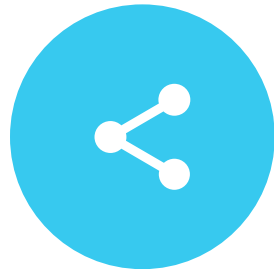
Introduction

Enterprise Information Systems (EIS), which provide integrated solutions to simplify various business processes

consists of a collection of technologies and software programs, acts as a central hub for data management, decision-making, and communication throughout business structures.

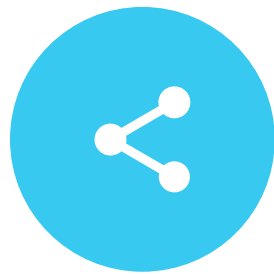


Advantages of EIS



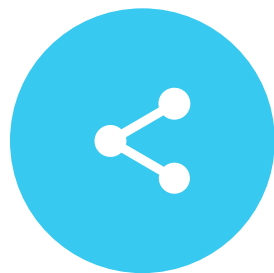
resource optimization

EIS resource optimization uses technology and data analysis to make the best use of available resources,



risk management

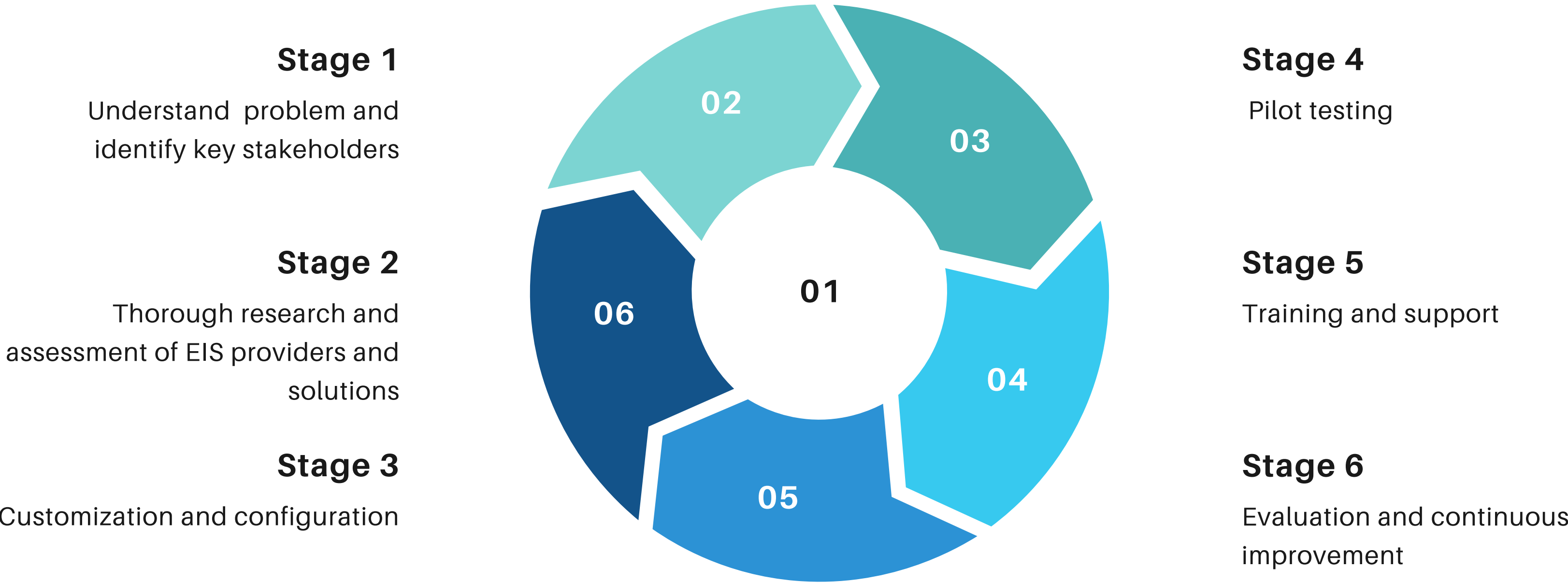
Risk management in EIS means identifying, assessing, and reducing potential threats to data and system operations.



opportunity maximization

using technology and data to spot and seize new chances for business growth and innovation

EIS IMPLEMENTATION STRATEGY IN UNIVERSITY





STAGE 1

Clear Objectives Alignment:

- Define objectives closely tied to the university's priorities.
- Ensure goals of EIS implementation align with the university's goals.

Comprehensive Evaluation:

- Evaluate current systems, processes, and IT infrastructure across academic, administrative, and operational functions.
- Identify strengths, weaknesses, and areas for improvement.

Involvement of Key Stakeholders:

- Engage key stakeholders including teachers, staff, administrators, and IT personnel.
- Understand their requirements, concerns, and goals related to EIS implementation.

STAGE 2

*Thorough
Vendor Research*

Conduct
comprehensive
research on EIS
providers and
solutions tailored
for universities.

*Understand
Advantages*

Evaluate how EIS
solutions align
with the
university's
objectives and
mission.

*Long-Term
Perspective*

View vendors as
potential long-term
partners rather than
mere suppliers.

*Key Evaluation
Criteria:*

Evaluate factors like
cost-effectiveness,
user-friendliness,
customization
options



The diagram consists of two vertical rectangular blocks. The left block is light blue and contains the text 'Customization and Configuration:' followed by 'Ensure seamless integration of the system setup with existing infrastructure'. The right block is a darker blue and contains the text 'Pilot Testing' followed by 'Conduct pilot testing of the EIS solution with selected users'. Both blocks have a lighter blue header section at the top.

Customization and Configuration:

*Ensure seamless
integration of the system
setup with existing
infrastructure*

Pilot Testing

*Conduct pilot testing of the
EIS solution with selected
users*

STAGE 3 & 4

STAGE 5 & 6



EIS IMPLEMENTATION CHALLENGES AND BENEFIT IN UNIVERSITY



BENEFIT

- **Process Efficiency**

Streamlines administrative and student processes, adhering to the lean principle, reducing task completion time significantly

- **Better Communication**

Centralizing information promotes transparency and collaboration among departments, improving communication flow and facilitating smoother processes



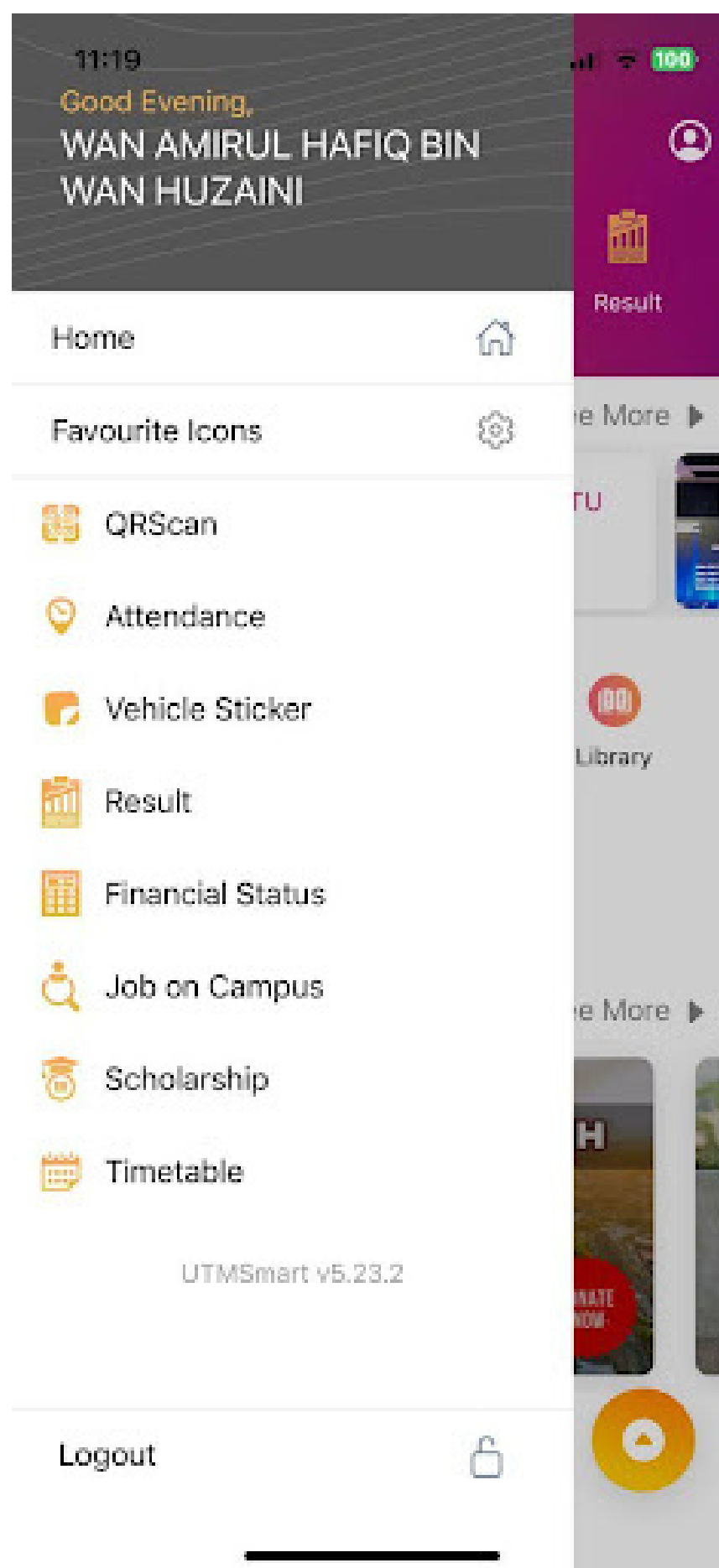
CHALLENGES

- **Complexity of the System**

Requires understanding its intricate functions and aligning them with the institution's unique business domain

- **Resistance to Change**

Staff having to learn a new system while managing their existing workload. Addressing concerns and providing support is crucial for a smoother transition



CASE STUDIES OR REAL LIFE EXAMPLES

01

QR Scan

allow the student to record their attendance digitally. Lecturers can access the record in real-time attendance record

02

Attendance

allow the student to track their previous attendance record

03

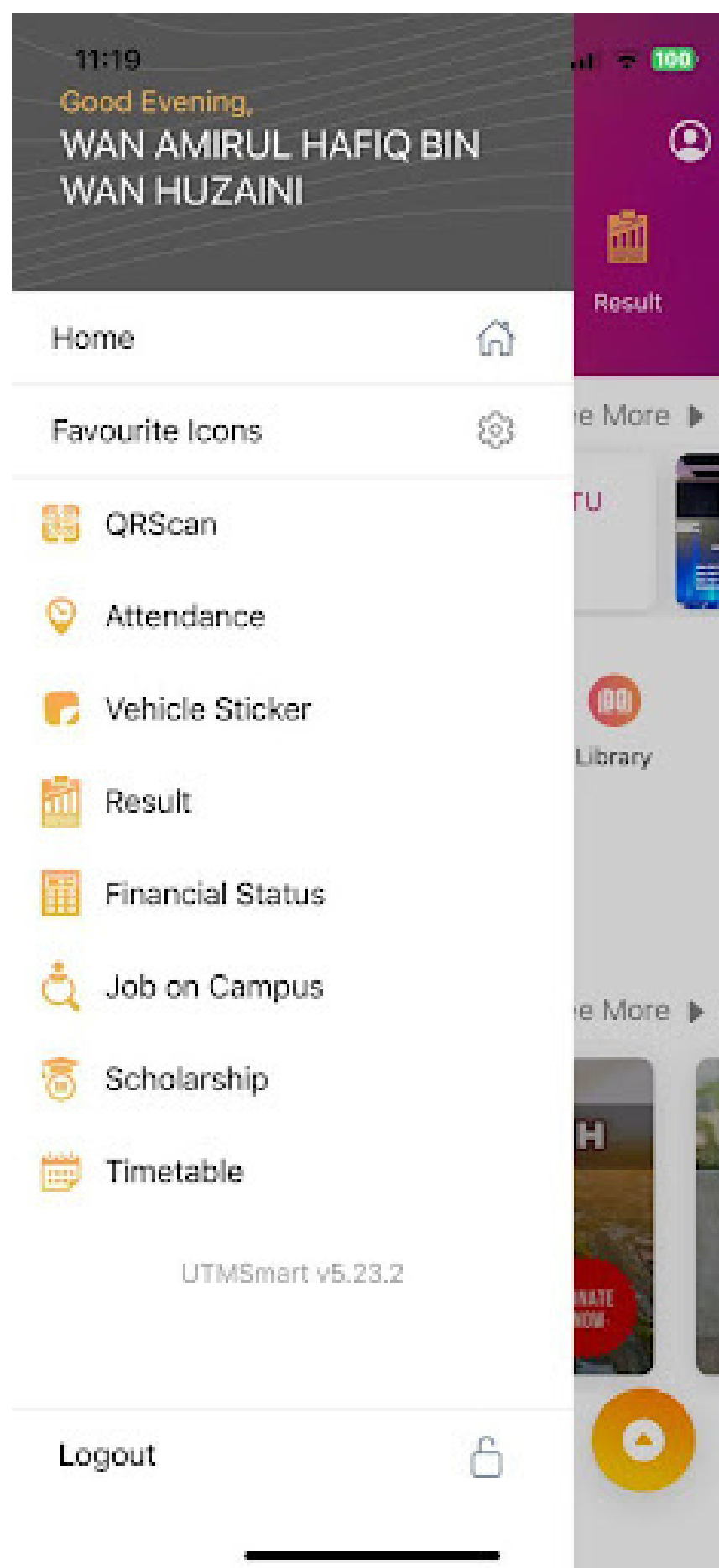
Vehicle Sticker

allow the student to apply and retrieve Vehicle sticker to permit them to enter University compound

04

Result

allow the student to track their previous result of their exam



CASE STUDIES OR REAL LIFE EXAMPLES

05

*Job on
Campus*

allow student to find any job they can do inside the university

06

Scholarship

allow the student to apply scholarship as well as track their current scholarship status

07

Timetable

allow the student to create their own schedule.

08

*Financial
Status*

allow the student to keep track of their student debt as well as the option to pay for it

CONCLUSION



1

Feasibility and Preparation

- Thorough planning and study are crucial for successful EIS implementation.
- Adequate preparation minimizes risks and ensures a smoother transition.
- Engaging stakeholders and addressing concerns early on fosters buy-in and collaboration.

2

Benefits and Opportunities

- EIS offers myriad benefits, including improved efficiency and enhanced communication.
- Centralizing information streamlines processes and facilitates better decision-making.
- Leveraging EIS unlocks opportunities for innovation and transformative change within the university ecosystem

3

Challenges and Mitigation

- Challenges such as system complexity and resistance to change are inevitable.
- Proactive management and support mechanisms are vital for overcoming challenges.
- Addressing concerns and providing training cultivates a culture of adaptability and continuous improvement