

MEASURABLE PLANNING TO  
ACHIEVE SUCCESS IN AGILITY

# UNIVERSITY MANAGEMENT SYSTEM

Project Kickoff & Facilities  
Module Plan

**Team: 13**





# WHAT WE ARE BUILDING



**Goal: Modernize university  
operations**

- Scope: Four major modules (Facilities, Curriculum, Staff, Community)
- Approach: **Agile Scrum methodology**
- Current Focus: Facilities Module (1st sprint)

- Content:

- **Facilities Management**

- Schedule & book classrooms/labs
- Track usage & maintenance

- **Administrative Automation**

- Student records management
- Admissions processing

- **Resource Allocation**

- Equipment & license tracking
- Professor department assignments



FROM USER NEEDS  
TO SYSTEM  
FUNCTIONS



# FACILITIES MODULE FEATURES

## Scheduling & Booking

- Schedule classes/events
- Book spaces manually
- Check availability
- Reserve classrooms

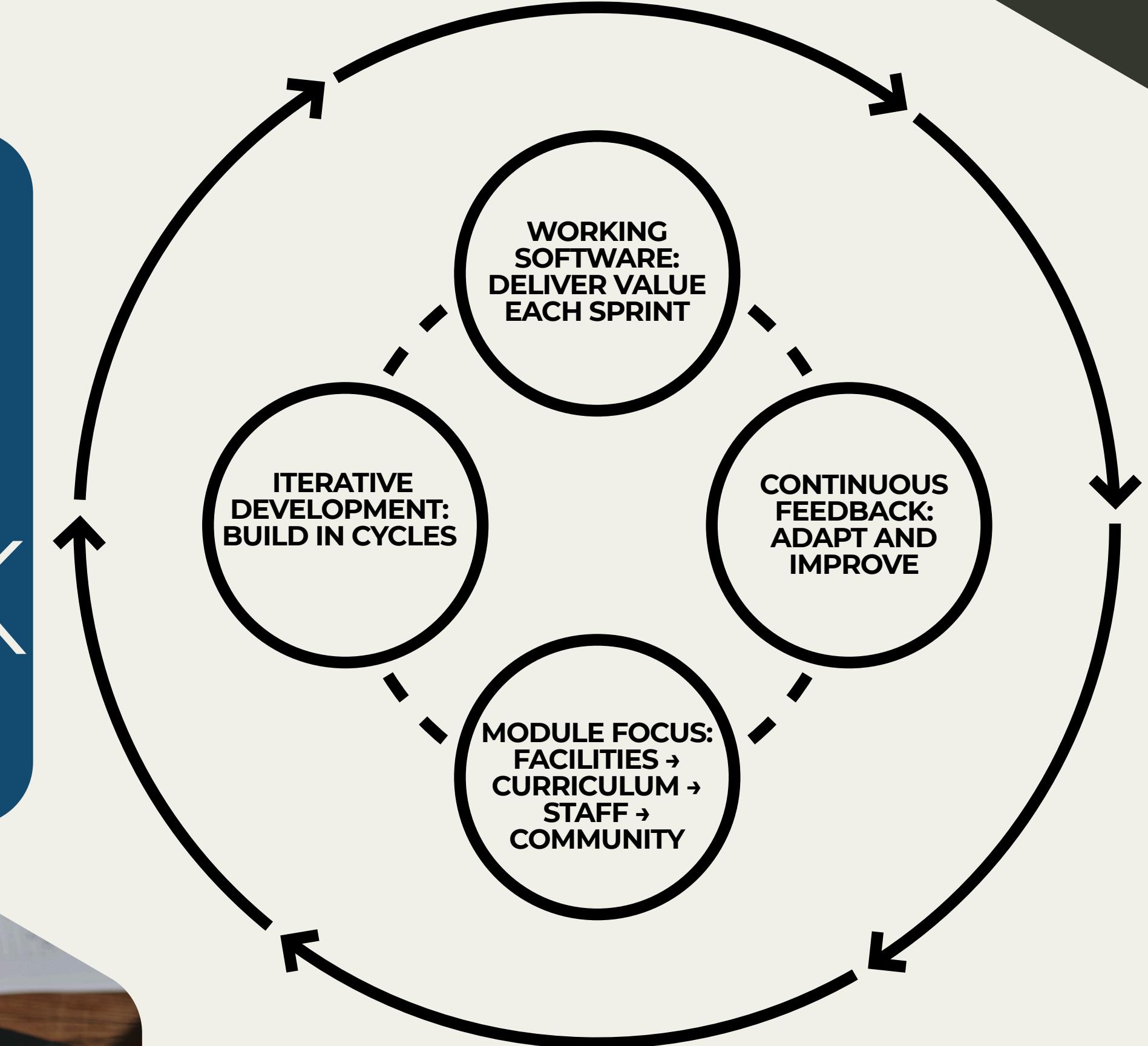
## Student Records

- Add/delete students
- Edit student files
- Generate transcripts
- Process admissions

## Resource Tracking

- Track equipment
- Allocate resources
- Manage licenses
- Move professors

# OUR AGILE SCRUM FRAMEWORK



# SPRINT 1: CORE RECORDS & AVAILABILITY

- **GOAL: ESTABLISH FOUNDATIONAL DATA STRUCTURES**



## KEY DELIVERABLES:

- DATABASE SCHEMA SETUP
- STUDENT RECORD CRUD OPERATIONS
- FACILITY/CLASSROOM DEFINITIONS
- AVAILABILITY VIEWING SYSTEM
- PROFESSOR DEPARTMENT ASSIGNMENTS

# SPRINT 2: SCHEDULING & ALLOCATION

- **GOAL: IMPLEMENT  
PRIMARY SCHEDULING &  
TRACKING**



## KEY DELIVERABLES:

- Class scheduling & booking system
- Basic usage tracking
- Equipment allocation system
- License inventory management

# SPRINT 3: AUTOMATION & SUPPORT

- **GOAL: DIGITIZE PAPER  
PROCESSES  
COMPLETELY**



## KEY DELIVERABLES:

- Automated transcript generation
- Admissions workflow system
- Maintenance reporting
- UI refinement & error handling

SPRINT 1 (2 WEEKS)   SPRINT 2 (2 WEEKS)   SPRINT 3 (2 WEEKS)

### FOUNDATION

DATABASE  
STUDENT CRUD  
AVAILABILITY

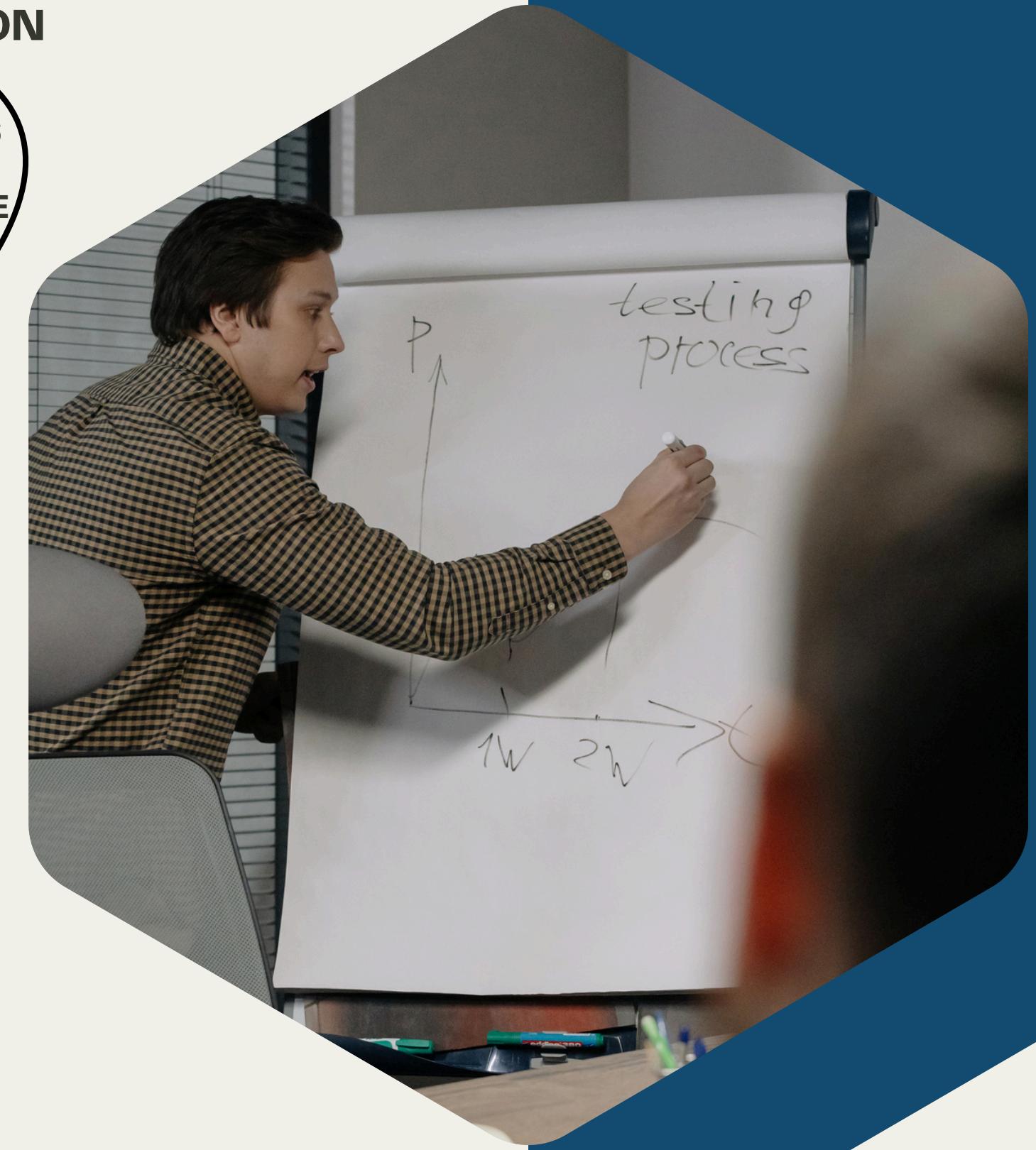
### CORE FEATURES

SCHEDULING  
ALLOCATION  
TRACKING

### AUTOMATION

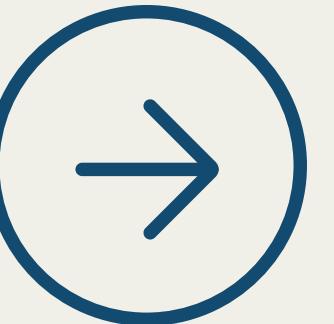
TRANSCRIPTS  
ADMISSIONS  
MAINTENANCE

# PROJECT ROADMAP: FACILITIES MODULE



# PROJECT BENEFITS & IMPACT

- **ELIMINATE PAPER PROCESSES: FULLY DIGITAL OPERATIONS**
- **IMPROVED EFFICIENCY: FASTER SCHEDULING & ALLOCATION**
- **BETTER RESOURCE USAGE: OPTIMIZED SPACE & EQUIPMENT**
- **MODERN EXPERIENCE: STREAMLINED FOR STAFF & STUDENTS**



- **Finalize Facilities Module requirements**
- **Begin Sprint 1 development**
- **Plan Curriculum Module (Phase 2)**
- **Regular progress reviews**

# WHAT'S NEXT?

