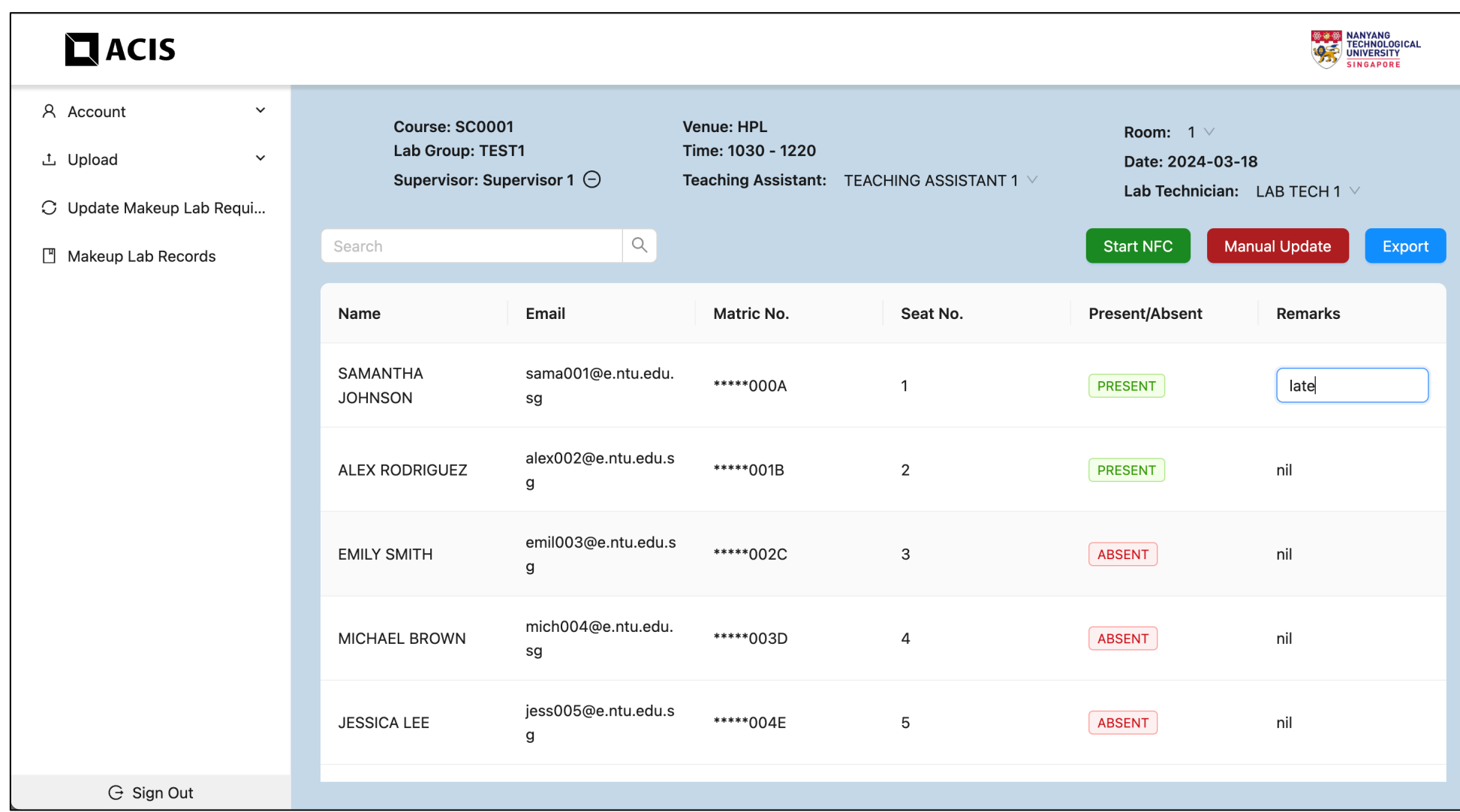


# Attendance Management System

## NFC-Enabled Attendance System for SCSE Labs

Student: Xu Shaoyi

Supervisor: Dr. Smitha Kavallur Pisharath Gopi



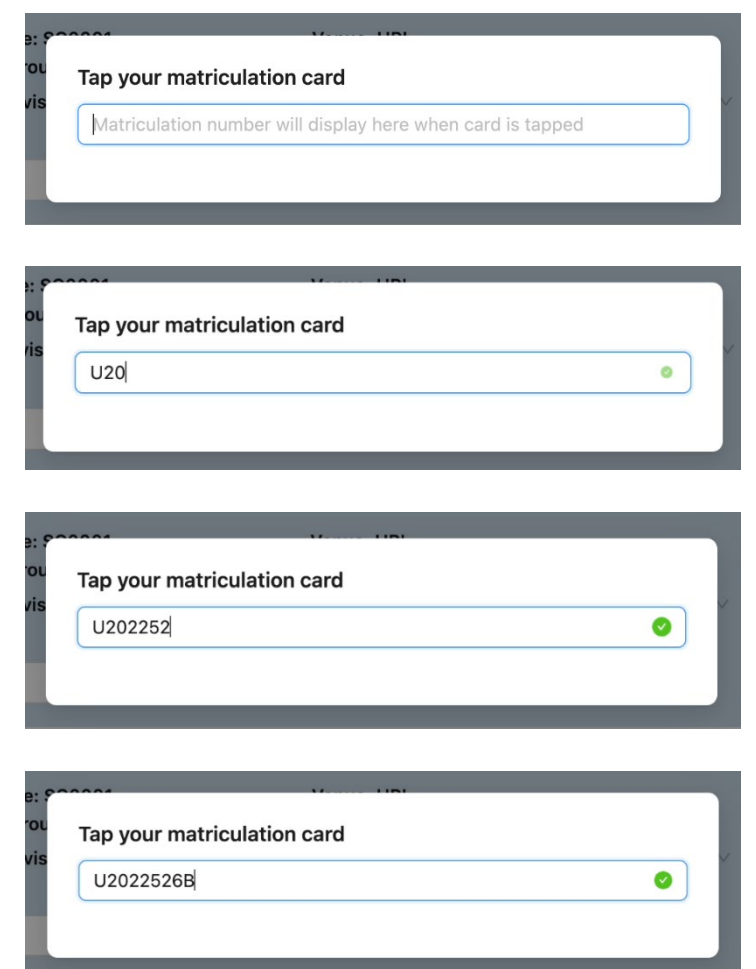
**ACIS**

Course: SC0001    Venue: HPL    Room: 1  
 Lab Group: TEST1    Time: 1030 - 1220    Date: 2024-03-18  
 Supervisor: Supervisor 1    Teaching Assistant: TEACHING ASSISTANT 1    Lab Technician: LAB TECH 1

Start NFC    Manual Update    Export

Name	Email	Matric No.	Seat No.	Present/Absent	Remarks
SAMANTHA JOHNSON	sama001@e.ntu.edu.sg	*****000A	1	PRESENT	late
ALEX RODRIGUEZ	alex002@e.ntu.edu.sg	*****001B	2	PRESENT	nil
EMILY SMITH	emil003@e.ntu.edu.sg	*****002C	3	ABSENT	nil
MICHAEL BROWN	mich004@e.ntu.edu.sg	*****003D	4	ABSENT	nil
JESSICA LEE	jess005@e.ntu.edu.sg	*****004E	5	ABSENT	nil

Sign Out



### Project Objectives:

The objective of this project is to develop a NFC-Based Attendance Management System for SCSE labs to address issues related to traditional pen-and-paper attendance tracking. The new attendance system will be developed as a web application to enable faster attendance taking by tapping a student's matriculation card onto the NFC reader connected to the computer. The system also integrates automated email notifications sent to absentees to notify them of their absence and the need for any further actions. Search functions within the application also allow users to easily find attendance information for a particular lab session, eliminating the hassle of flipping through numerous folders to locate a record.

### Main Features:

- Authentication with Role-Based Access Control
- Upload of Attendance Excel files
- Custom Attendance Tables
- NFC-Enabled Attendance Taking
- Automatic Email Notifications

### Toppan Forms TC63CUT021 NFC Reader/Writer

