Software Construction & Development

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Submitted to:
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RIPHAH International University
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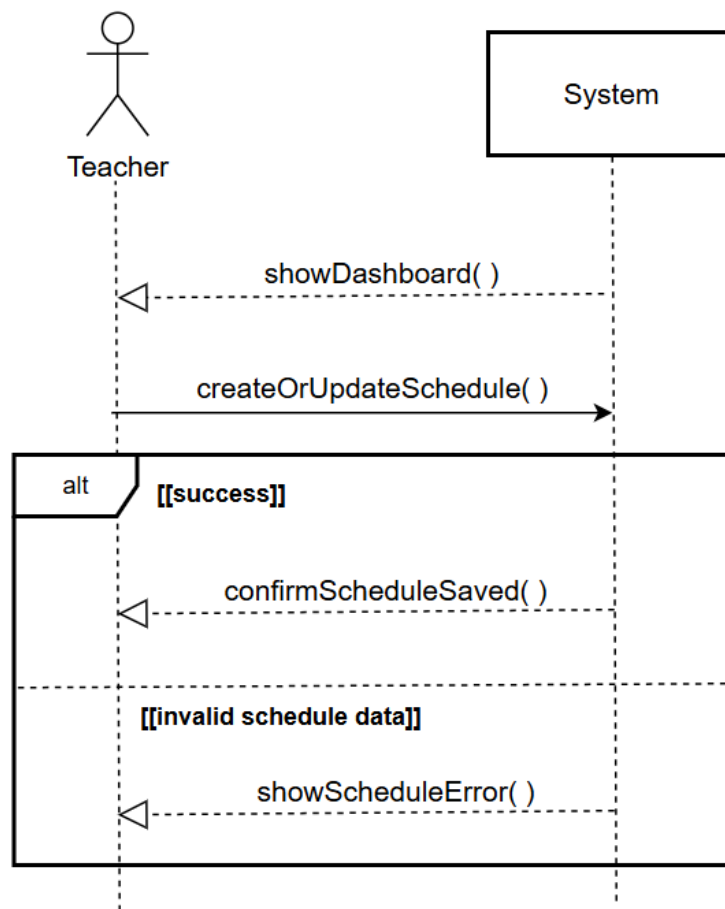# Faculty of Computing

System Sequence Diagrams

This document consists of the following system sequence diagrams along with their alternative flows and success flows given in the diagram below one by one.

- Manage Class Schedule
- Mark Attendance
- Mark via QR Code
- View attendance history
- Generate Attendance Report
- Flag low attendance student

Diagrams
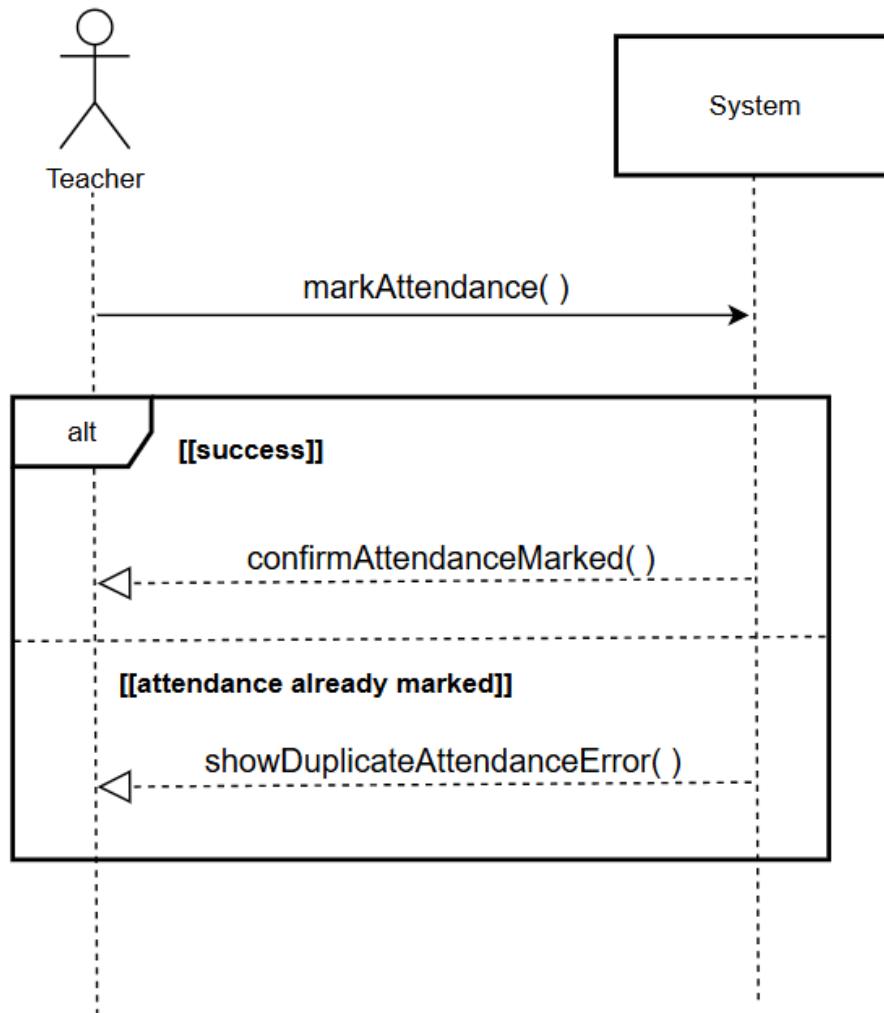
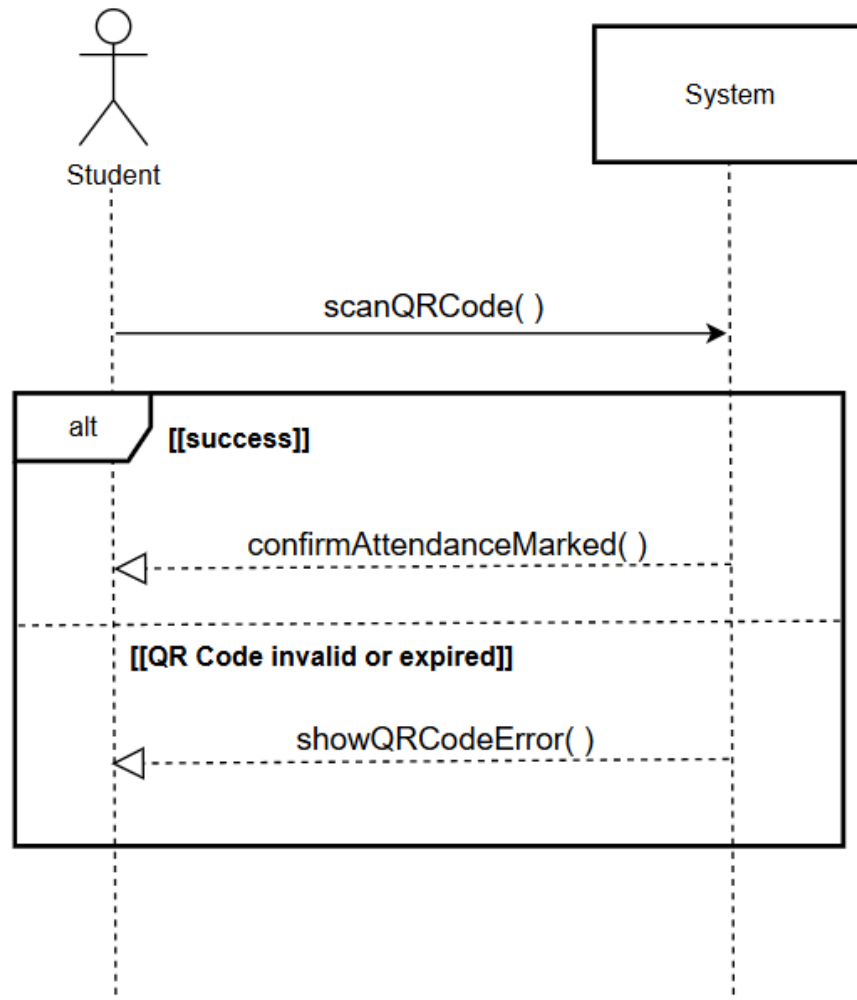**Use-Case name:**
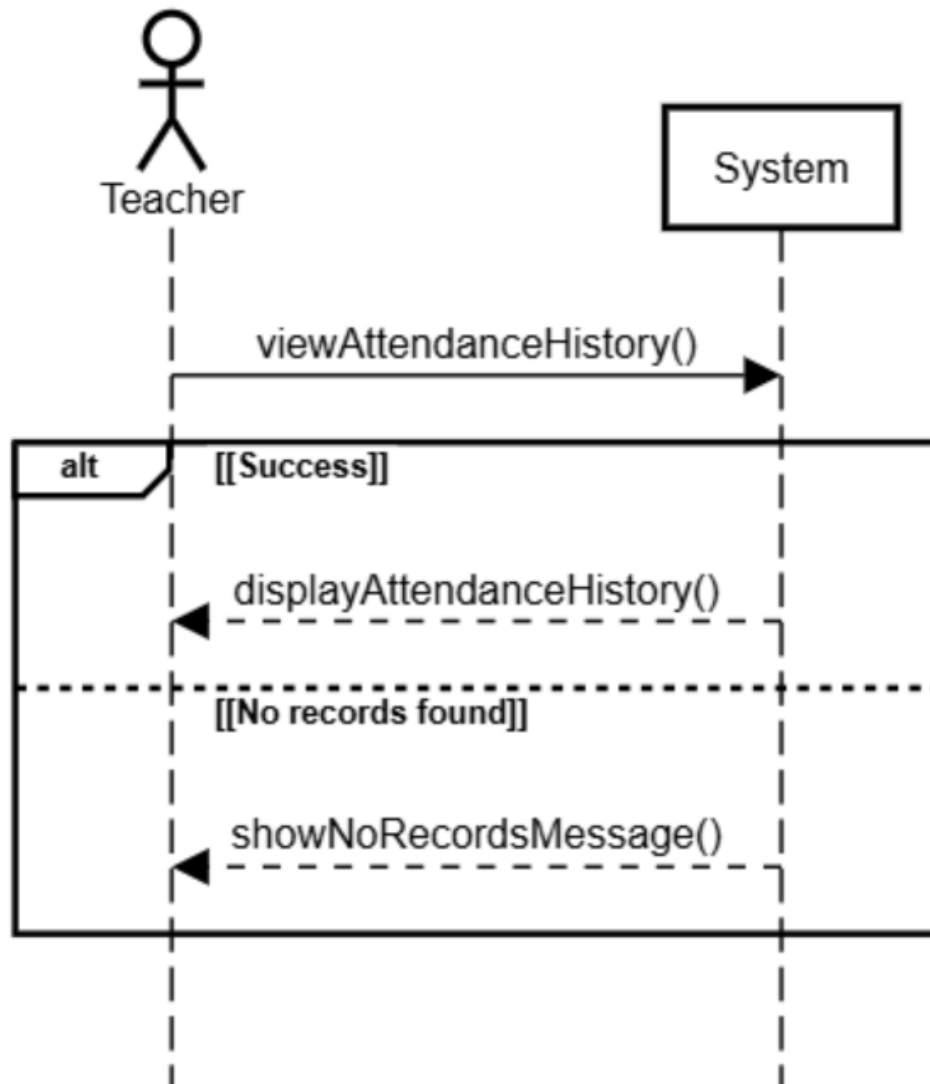
"Manage Class Schedule"

Use-Case name:

"Mark Attendance"

Use-case name:

"Mark via QR Code"

Student

System

scanQRCode( )

alt   [[success]]

confirmAttendanceMarked( )

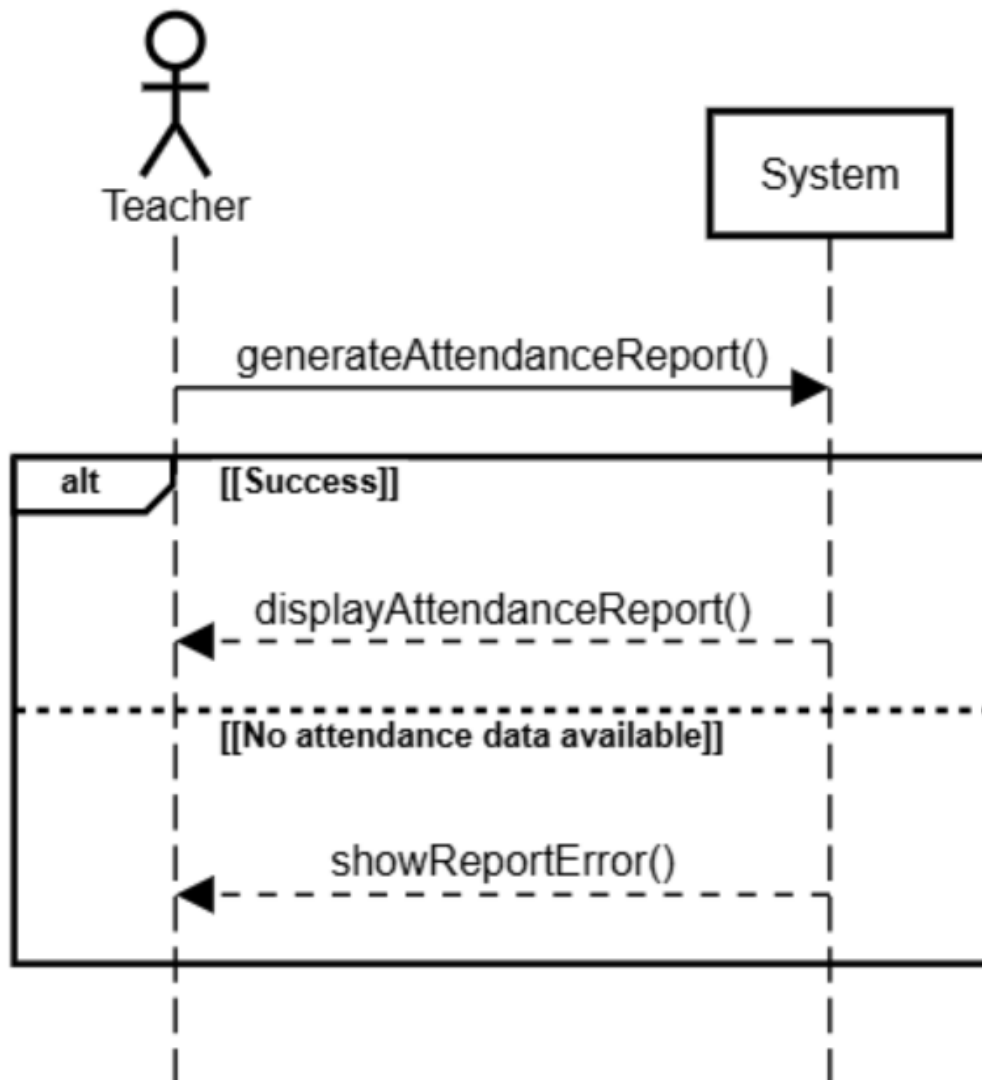[[QR Code invalid or expired]]

showQRCodeError( )

Use-case name:

"View attendance history"

Use-case name:

"Generate Attendance Report"

Use-case name:

"Flag low attendance student"

Teacher

System

checkLowAttendanceStudents()

alt

[[Success]]

showFlaggedStudents()

[[No students flagged]]

showNoFlaggedStudentsMessage()