Requirement ID	Requirement Description	UC1	UC2	UC3	UC4	UC5	V	Check
1.1	Automated attendance tracking for university lectu	~						~
1.2	Support multiple registered devices (smartphones,	~						~
1.3	Restrict attendance recording to registered devices		~					~
1.4	Store attendance records in a cloud-hosted MySQL		>	~				~
1.5	Provide REST API endpoints for data access and m			~				~
2.1.1	Lecturers can register devices, record attendance,	>						~
2.1.2	Administrators can manage lecturers, students, co		>	~				~
2.1.3	Students are identified in the system and associate		~			>		~
2.2	Only registered devices can record attendance		>					~
2.3	Persist user-related data (lecturers, students, cours		>	~				~
3.1	Lecturers can record attendance using a registered	>						~
3.2	Attendance records are stored in a database		>	~				~
3.3	Prevent unauthorized devices from recording atten		>					~
3.4	Generate attendance reports			~		<		~
4.1	Lecturers can register one or more devices	>						~
4.2	Functionality to locate a registered device		~		>			~
5.1	Store student profiles (name, university ID)		~					~
5.2	Capture and store passport-style photos for studer		~					~
6.1	Store and manage courses		~					~
6.2	Associate students with courses		~			~		~
6.3	Associate lecturers with courses		~			~		✓

Requirement ID	Requirement Description	UC1	UC2	UC3	UC4	UC5	V	Check
7.1.1	Generate attendance records reports			~				✓
7.1.2	Generate student lists			~				✓
7.1.3	Generate lecturer lists			>				>
7.1.4	Generate course lists			>				<
7.1.5	Generate student enrollments in courses			~				✓
7.2.1	Support adding new records			~				✓
7.2.2	Support modifying records			~				✓
7.2.3	Support deleting records			~				✓
7.2.4	Support viewing records			~				✓
8.1	Use a cloud-hosted MySQL database		~	~				✓
8.2	Provide database access via a REST API			~				✓
9.1.1	Conduct User Acceptance Testing (UAT)					>		>
9.1.2	Conduct System Testing				>			>
9.1.3	Conduct Unit Testing (where applicable)				~			>