Requirement ID	Requirement Description	UC1	UC2	UC3	UC4	UC5	☑	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, cou	☐	☑	☑	☐	☐		☑
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 studen	☐	☑	☐	☐	☐		☑
6.1	Store and manage courses	☐	☑	☐	☐	☐		☑
6.2	Associate students with courses	☐	☑	☐	☐	☑		☑
6.3	Associate lecturers with courses	☐	☑	☐	☐	☑		☑

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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)	☐	☐	☐	☑	☐		☑