Real-World Examples of One-to-One Relationships

Example 1Passport and CitizenExplanation: In most countries, each citizen is issued one and only one passport, and each passport belongs to only one person.Example:Citizen: John DoePassport: Passport No. X123456789Why is this 1:1

Real-Life Examples of One-to-Many Relationships

Teacher and StudentsExplanation: A teacher can teach multiple students, but each student has only one assigned teacher for a particular subject.Example:Teacher: Mr. SmithStudents: Alice, John, David, Mari

Real-Life Examples of Many-to-Many Relationships

Students and CoursesExplanation: A student can enroll in multiple courses, and each course can have multiple students.Example: Students: Alice, John, MariaCourses: Math, Science, HistoryWhy is this M:M?Alice can enroll in Math and Science.John can enroll in Science and History.The Math course can have Alice and Maria as students.The Science course can have Alice and John as students