

Aggregation with example:

- Aggregation is used when we need to explain a relationship among relationships.
- In aggregation, the relation between two entities is treated as a single entity, and again this single entity has a relationship with another entity.
- In aggregation, relationship with its corresponding entities is aggregated into a higher level entity.
- If an ER diagram is not capable of representing relationship between an entity and a relationship which may be required in some scenarios then aggregation is used.

For example: In a College Management System, a department entity offers the Course entity and it also has a faculty entity. This together acts as a single entity in the relationship which is in a relationship with another entity visitor. In the real world, if a visitor visits a college then he will never enquiry about the Course only or just about the department instead he will ask the enquiry about all courses, department and faculty.

