1. **Association:** It represents a relationship between two classes where one class is related to another class, but both can exist independently. Lifeline: Both objects can have their own lifespan. Relative Strength: Weak. Example: A Student class may be associated with a Teacher class in a school management system.
2. **Aggregation**: It is a specialised form of association where objects have a 'has-a' relationship, but the objects can exist independently of each other. Lifeline: The aggregated object can exist independently of the owner object. Relative Strength: Medium. Example: A Department class can have multiple Employee objects.
3. **Composition:** It is a strong form of aggregation where the composed object does not have an independent existence of its own. Lifeline: The composed object's existence is dependent on the owner object; it cannot exist without it. Relative Strength: Strong. Example: A Car class may be composed of Engine, Wheel, and Body objects.