

FIT3171 Assignment 1A – Assumptions

1. In the **Assessment** entity, both memberId and assessmentDate are keys because only one assessment can be carried out on a single member in one day; with this, we need both attributes to uniquely identify an entry.
2. The **Enrollment** entity employs memberId, centreId, classNumber, and paymentDate as keys since one member can enroll at the same class within the same centre at a later date for example, so the final attribute that allows for differentiation would be the payment date.
3. **Facility** employs centreId and facilityRoomNumber as keys since the room numbers are unique within the same centre yet repeated across centre.
4. **Class** entity employs the same ideology as the facility entity, where centreId and classNumber are used as keys since class numbers are unique within a centre yet repeated across centres.
5. The **Member** entity has a recommendation status attribute that would be Boolean, true if this member was recommended by an existing member and false if not.