Domain Modeling Assignment 3

There is a domain description and an ER diagram in this document. The description is accurate. However, the ER diagram contains some intentional errors.

Your tasks

1. List all mistakes from the ER diagram
2. Fix them and share an error-free diagram with us

Domain: Tuition Centre

1. Student
   1. Identified by unique roll_number
   2. Can take as many subjects as they like
   3. Can only take 1 subject once for one grade
   4. Can fail a grade, then repeat it.
   5. During the repeat grade, can take different subjects
2. Teacher
   1. Identified by a unique faculty_id
   2. Can teach multiple subjects for multiple grades
3. Subject
   1. Unique subject_id
   2. Has a name (Maths, Physics, English Literature, etc.)
   3. Can be taught by multiple teachers

Diagram

STUDENT

Name

Roll Number

Grade

Teacher

Faculty_id

name

Subject_names

Subject

Subject_id

name

available_for
_grade

Grade

Number