1. Classes Collection

- Document ID: Class Name (e.g., Nursery, Class1, Class2, etc.)
- Fields:
    - subjects: Array of subject names
    - teacherAssigned: Reference to a teacher document

2. Subjects Collection

- Document ID: Subject Name (e.g., English, Math, Computer_Part1, etc.)
- Fields:
    - class: Reference to a class document
    - marksDistribution: Map with keys firstTerm, midTerm, finalTerm

3. Teachers Collection

- Document ID: Teacher's Email
- Fields:
    - name: String
    - assignedClass: Reference to a class document
    - subjects: Array of references to subject documents

4. Students Collection

- Document ID: Registration Number
- Fields:
    - Registration Number (Value: 0-1000) numeric
    - Date of Admission/Registration
    - Name of student
    - Date of Birth
    - Student Gender
    - Father Name
    - Caste
    - Occupation (Father's)
    - Residence
    - Email & Password (for student account)
    - Remarks (If any)
    - admissionClass: Reference to a class document
    - feeStatus: Subcollection
    - marks: Reference to a marks document

5. Admins Collection

- Document ID: Admin's Email
- Fields:
    - password: String

6. FeeStatus Subcollection (Nested under Students Collection)

- Document ID: Auto-generated or Payment Date
- Fields:
    - amountDue: Number
    - amountPaid: Number
    - payableAmount: Number
    - paymentDate: Timestamp
    - lateFees: Boolean
    - remarks: String

7. Marks Subcollection (Nested under Students Collection)

- Document ID: Examination Type (e.g., FirstTerm, MidTerm, FinalTerm)
- Fields:
    - subjectMarks: Map with subject names as keys and marks as values

8. Reports Collection

- Document ID: Report Type (e.g., StudentAgeRecord, ResultSheet)
- Fields:
    - content: Depending on the report type, it could be an array of maps or a single map with relevant data

9. Timetables Collection

- Document ID: Class Name
- Fields:
    - imageURL: String (URL to the image of the timetable)

10. Syllabus Collection

- Document ID: Class Name
- Fields:
    - imageURL: String (URL to the image of the syllabus)