1. Classes Collection

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

2. Subjects Collection

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

3. Teachers Collection

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

4. Students Collection

- Document ID: Registration Number
- Fields:
 - o 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)
 - o Remarks (If any)
 - o admissionClass: Reference to a class document
 - o feeStatus: Subcollection
 - o marks: Reference to a marks document

5. Admins Collection

- Document ID: Admin's Email
- Fields:
 - o 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: Booleanremarks: String

7. Marks Subcollection (Nested under Students Collection)

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

8. Reports Collection

- Document ID: Report Type (e.g., StudentAgeRecord, ResultSheet)
- Fields:
 - o 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:
 - o imageURL: String (URL to the image of the timetable)

10. Syllabus Collection

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