```
                          ┌──────────────┐
                          │ Landing Page │
                          └──────┬───────┘
                                 │
              Become a Tutor     ▼     Find a Tutor
            ┌──────────────────◇ User Type ◇──────────────────┐
            ▼                                                  ▼
   ┌──────────────────┐                            ┌──────────────────┐
   │ Tutor Login/Signup │                          │   Website Info   │
   └────────┬─────────┘                            └────────┬─────────┘
            │                                               │
         ◇ Signup ◇───────────────┐                         ▼
            │ Profile Setup        │               ┌──────────────────┐
            ▼                      │               │  Course Options  │
┌──────────────────────────────┐  │               └────────┬─────────┘
│ Add Subject the Tutor Can Teach│ │                        ▼
└──────────────┬───────────────┘  │               ┌──────────────────┐
               ▼                   │               │ Stream Selection │
     ┌──────────────────┐          │               └────────┬─────────┘
     │  Set Availability │         │                        ▼
     └────────┬─────────┘          │               ┌──────────────────┐
              ▼                    │               │ Subject Selection│
     ┌──────────────────┐          │               └────────┬─────────┘
     │ Set Fee Structure │         │                        ▼
     └────────┬─────────┘          │           ┌──────────────────────┐
              ▼                    │           │ Lesson Schedule (Days/Time)│
            ◇────────────────◇─────┘           └───────────┬──────────┘
              ▼                                            ▼
     ┌──────────────────┐                         ┌──────────────────┐
     │  Tutor Dashboard  │                        │ Tutor List Display│
     └────────┬─────────┘                         └────────┬─────────┘
              ▼                                            ▼
     ┌──────────────────┐                    ◇ Select Tutor and Book Session ◇──┐
     │  View Student List │                            │ Signup Window          │
     └────────┬─────────┘                              ▼                        │
              ▼                                 ┌──────────────────┐            │
┌──────────────────────────┐                    │  Student Signup   │           │
│ Approve or Reject Student │                    └────────┬─────────┘           │
└──────────────┬───────────┘                             ▼                      │
               ▼                                       ◇──────────────◇─────────┘
┌──────────────────────────────┐                        ▼
│ Manage Schedule/Reschedule    │                ┌──────────────────┐
└──────────────┬───────────────┘                │ Student Dashboard│
               ▼                                 └────────┬─────────┘
┌──────────────────────────┐                             ▼
│  Create/Upload Resources  │                    ┌──────────────────┐
└──────────────┬───────────┘                     │  Search for Tutors│
               ▼                                 └────────┬─────────┘
     ┌──────────────────┐                                 ▼
     │   Create Tests    │                        ┌──────────────────┐
     └────────┬─────────┘                         │ View Tutor Profile│
              ▼                                    └────────┬─────────┘
     ┌──────────────────┐                                 ▼
     │  View Payments    │                        ┌──────────────────┐
     └────────┬─────────┘                         │   Book a Course  │
              ▼                                    └────────┬─────────┘
     ┌──────────────────┐                                 ▼
     │  Take Sessions    │                        ┌──────────────────┐
     └────────┬─────────┘                         │   Make Payment   │
              ▼                                    └────────┬─────────┘
   ┌────────────────────────┐                              ▼
   │ Communicate with Parents│                     ┌──────────────────┐
   └──────────────┬─────────┘                      │ Attend Online Class│
                  ▼                                 └────────┬─────────┘
┌──────────────────────────────┐                           ▼
│ Review/Update Student Progress │                  ┌──────────────────┐
└──────────────┬───────────────┘                   │  View Resources  │
               │                                    └────────┬─────────┘
               │                                             ▼
               │                                    ┌──────────────────┐
               │                                    │   Attempt Tests  │
               │                                    └────────┬─────────┘
               │                                             ▼
               │                                    ┌──────────────────┐
               │                                    │ View Progress Report│
               │                                    └────────┬─────────┘
               │                                             ▼
               │                                    ┌──────────────────┐
               │                                    │View Payment History│
               │                                    └────────┬─────────┘
               │                                             ▼
               │                                    ┌──────────────────┐
               │                                    │Communicate with Tutor│
               │                                    └────────┬─────────┘
               │                                             ▼
               │                                    ┌──────────────────┐
               │                                    │ View Notifications│
               │                                    └──────────────────┘
```

Figure 5.1: FLOW CHART

Tutor Flow

- Login
- Profile Setup
- Add Subjects to Teach
- Set Availability
- Set Fee Structure
- View Student List
- Approve/Reject Student
- Manage Schedule
- Take Sessions
- Create/Upload Resources
- Create Tests
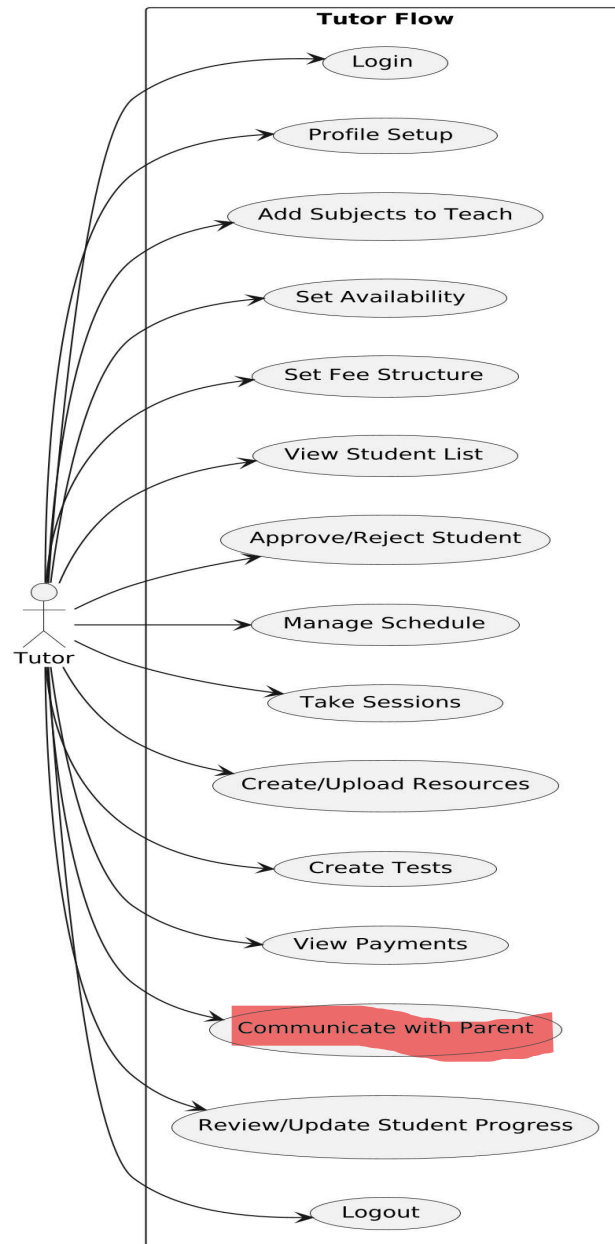- View Payments
- Communicate with Parent
- Review/Update Student Progress
- Logout

Tutor

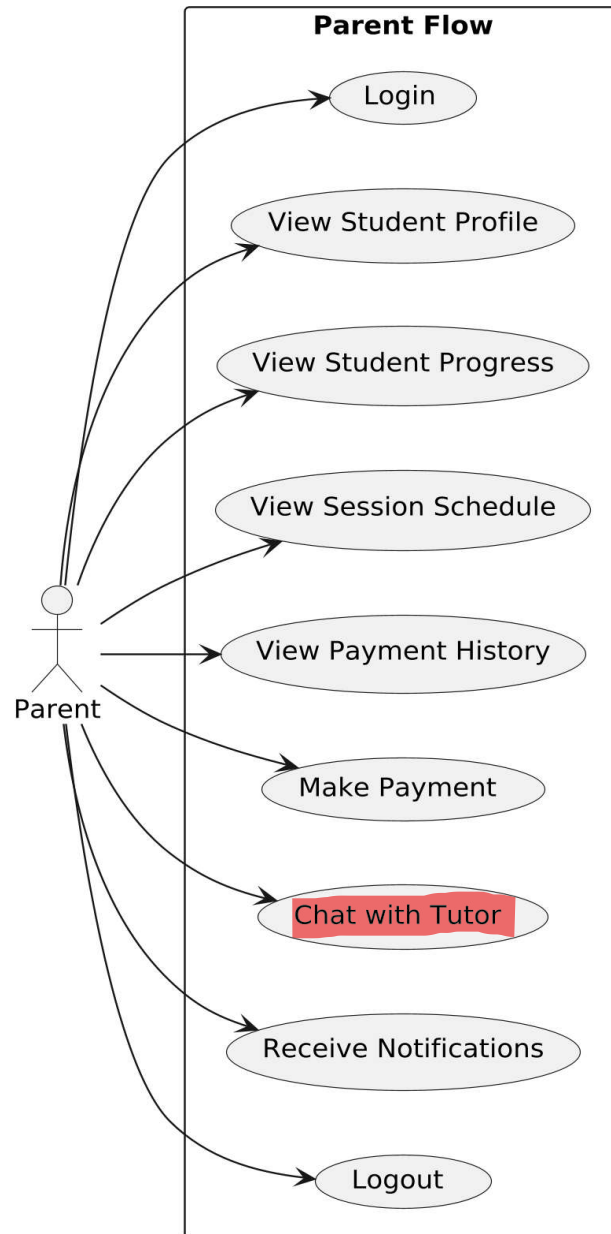Figure 7.2: USED CASE DIAGRAM : Tutor

3. USE CASE DIAGRAM FOR STUDENT

The Student Use Case Diagram outlines student interactions on the platform.

Primary use cases include:

Search Tutors: Look for tutors based on subject, availability, and reviews.

Book Sessions: Reserve available slots with chosen tutors.

Take Tests: Complete assessments provided by tutors.

View Performance: Track academic progress and feedback.

Communicate with Tutors: Use the messaging feature for queries and clarifications.

Student Flow

Login

Select Course

Select Subject

Select Time Slot

View Tutor List

Book Session

Make Payment

Attend Online Class

Access Resources

Attempt Tests

View Progress Report

View Payment History

Communicate with Tutor

Logout
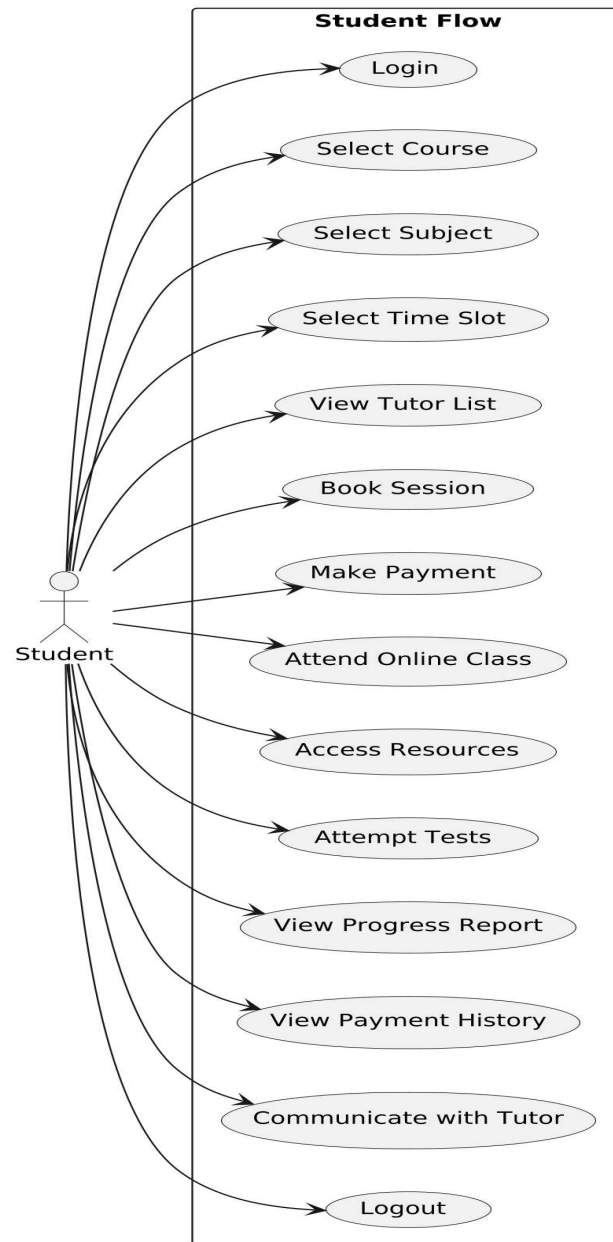
Student

Figure 7.3: USED CASE DIAGRAM : Student

4. USE CASE DIAGRAM FOR PARENT

The Parent Use Case Diagram highlights parental activities, which include:

Monitor Child Progress: Review session history and performance reports.

View Payments: Check payment history and make secure transactions.

Receive Notifications: Get alerts for sessions, tests, and progress updates.

Communicate with Tutors: Discuss the child's performance and future sessions with tutors.

Figure 7.4: USED CASE DIAGRAM : Parent