**Functional Requirement**

**Authentication (FE-01)**

FR-01: The system shall allow users to log in using their email and password. (UC-10: Login)

FR-02: The system shall allow new users to register as students by providing necessary details such as name, email, password, and contact information. (UC-01: Register as a student)

FR-03: The system shall allow new users to register as tutors through a multi-step form process that includes personal information, education background, certifications, service details, and availability. (UC-06: Register as a tutor)

**Tutor Booking (FE-02)**

FR-04: The system shall allow students to search for tutors based on various criteria such as specialities, price range, tutor level, sort by and keyword. (UC-02: Search Tutor)

FR-05: The system shall display detailed information about a tutor, including their profile, qualifications, ratings, reviews, and availability. (UC-04: View Tutor’s Details)

FR-06: The system shall allow students to select available time slots from a tutor's schedule for booking sessions. (UC-27: Select Tutor available time slots)

In-App Communication (FE-03)

FR-07: The system shall provide a chat feature to allow students and tutors to communicate within the application. (UC-11: Chat)

Feedback and Rating System (FE-04)

FR-08: The system shall allow students to give feedback and rate tutors after a session. (UC-28: Give feedback)

FR-09: The system shall allow tutors to reply to feedback provided by students. (UC-37: Reply Student’s Feedback)

**Tutor Profile Management (FE-05)**

FR-10: The system shall allow tutors to view their profile information. (UC-34: View Tutor Profile)

FR-11: The system shall allow tutors to update their profile information, including personal details, qualifications, and availability. (UC-35: Update Tutor Profile)

FR-12: The system shall allow tutors to view their schedule of booked sessions. (UC-38: View Schedule)

FR-13: The system shall allow tutors to update their availability and schedule. (UC-39: Update Schedule)

**Student Profile Management (FE-06)**

FR-14: The system shall allow students to view their profile information. (UC-32: View Student Profile)

FR-15: The system shall allow students to update their profile information. (UC-33: Update Student Profile)

FR-16: The system shall allow students to view the list of classes they have taken. (UC-29: View taken classes)

FR-17: The system shall allow students to view the list of upcoming classes they have booked. (UC-30: View future classes)

**Payment and Transaction Management (FE-07)**

FR-18: The system shall allow students to make online payments for booked tutoring sessions. (UC-26: Make online payment)

FR-19: The system shall allow users to view their payment history. (UC-31: View payment history)

**Question Management (FE-08)**

FR-20: The system shall allow students to search for questions based on keywords or categories. (UC-03: Search Question)

FR-21: The system shall display detailed information about a question, including the description, answers, and related subjects. (UC-05: View question detail)

FR-22: The system shall allow users to view all questions they have created. (UC-25: View all questions created)

FR-23: The system shall allow students to create new questions by providing necessary details such as subject, description, and any relevant files. (UC-22: Create Question)

FR-24: The system shall allow users to edit their questions. (UC-23: Edit question)

FR-25: The system shall allow users to delete their questions. (UC-24: Delete question)

**Administrative Control Panel (FE-09)**

FR-26: The system shall allow administrators to view all user accounts. (UC-18: View all user accounts)

FR-27: The system shall allow administrators to update user information. (UC-19: Update user information)

FR-28: The system shall allow administrators to block user accounts. (UC-20: Block user account)

FR-29: The system shall provide charts and statistics for administrators to view various **Moderation Control Panel (FE-10)**

FR-30: The system shall allow moderators to approve tutor registration information. (UC-14: Approve tutor register information)

FR-31: The system shall allow moderators to view all complaints submitted by users. (UC-15: View all complaints)

FR-32: The system shall allow moderators to update the status of complaints. (UC-16: Update Complaints status)

FR-33: The system shall allow moderators to approve questions submitted by users. (UC-17: Approve questions)

FR-34: The system shall generate salary reports for tutors.

### **Major Features**

**FE-01: Authentication**

**FE-02: Manage Profile**

**FE-03: In-App Communication**

**FE-04: Feedback and Rating System**

**FE-05: Tutor Profile Management**

**FE-06: Student Profile Management**

**FE-07: Payment and Transaction Management**

**FE-08: Question Management**

**FE-09: Administrative Control Pane**

**FE-10: Moderation Control Panel**