1. \*\*Login and Registration\*\*: Allows new users to create an account by providing necessary personal information and enables existing users to access their profiles and course materials by entering their credentials.

2. \*\*Course Enrollment\*\*: Enables users to browse available courses, select desired ones, and enroll to gain access to course materials and resources.

3. \*\*Faculty Details\*\*: Allows administrators or faculty members to manage and update their personal information, academic qualifications, and teaching schedules within the platform.

4. \*\*Teaching Schedule\*\*: Enables faculty members to create, modify, and manage their teaching schedules, including lecture times, office hours, and availability for online discussions.

5. \*\*Course Materials\*\*: Instructors can upload, update, and organize course materials such as lecture slides, videos, readings, and assignments.

6. \*\*Assessment Administration\*\*: Facilitates instructors in creating, managing, and delivering assessments, including quizzes, exams, and assignments, to evaluate students' comprehension and progress.

7. \*\*Feedback\*\*: Enables students to provide feedback on courses, instructors, and overall platform experience, helping to improve content quality and instructional delivery.

8. \*\*Grades\*\*: Allows instructors to input, calculate, and distribute grades for assessments and assignments to students, providing visibility into their academic progress.

9. \*\*Certification\*\*: Enables students to achieve certificates upon completing courses or meeting specific requirements, validating their acquired skills or knowledge.

10. \*\*Access Management\*\*: Allows administrators to control user access levels, including granting permissions, managing accounts, and enforcing security measures to protect sensitive information.

11. \*\*Payment Gateway\*\*: Facilitates secure online transactions for course enrollment fees, subscription payments, or purchases of additional learning materials.

These components collectively contribute to a comprehensive and secure E-learning environment that supports administrative functions and user interaction for educational activities.