Enhancements to Moodle Integrated in the App

These features extend Moodle's core functionality, providing modern, interactive tools to enhance the student experience.

1. Portfolio Creation

- **Flow**:
  - Access the "Portfolio" section in Moodle via the app.
  - Upload files such as completed assignments, project reports, certificates, or personal statements.
  - Organize files into categories like academics, extracurriculars, and achievements.
  - Share the portfolio with potential employers or instructors using a secure link.
- **User Experience**: Enables students to build a professional profile while still studying, showcasing their academic and personal accomplishments.

2. TikTok-Like Explainer Section

- **Flow**:
  - Open the "Explainer Hub" in the app.
  - Record or upload short videos (1-5 minutes) explaining topics from a course.
  - Use tags or categories to link the video to specific courses or concepts.
  - Earn rewards (e.g., badges, bonus points) based on likes, views, or instructor approval.
  - Browse, like, and comment on videos from other students.
- **User Experience**: Encourages peer learning in a fun, engaging way while rewarding contributions to the learning community.

3. Facilitating Assignment Submission

- **Flow**:
  - Navigate to the "Assignments" section in the app.
  - Upload the required file(s) for submission.
  - Automatically convert documents (e.g., Word or images) into PDF format before finalizing the submission.

- o   Review the PDF to ensure proper formatting and click "Submit."
- **User Experience**: Simplifies and standardizes submissions, reducing errors and ensuring uniformity for evaluation.

4. Insights on Student Performance

- **Flow**:
  - o   Access the "Performance Insights" section in the app.
  - o   View visual charts and summaries of grades, attendance, and participation across courses.
  - o   Get personalized feedback on strengths and areas for improvement based on performance trends.
  - o   Explore suggestions for additional resources or remedial actions if needed.
- **User Experience**: Offers actionable insights that help students take charge of their academic success.

5. Course-Specific Calendar

- **Flow**:
  - o   Open the "Course Calendar" feature within Moodle in the app.
  - o   View a consolidated calendar with details of:
    - ▪   Upcoming deadlines for assignments.
    - ▪   Quiz and exam dates.
    - ▪   Scheduled classes, office hours, and study sessions.
  - o   Set reminders or sync events with personal calendars.
- **User Experience**: Keeps students organized and on top of all course-related deadlines.

Student Services Hub

This tab encompasses the following functionalities:

6. GPA Calculator

- **Flow**:
  - Open the "Student Services Hub" tab.
  - Select the "GPA Calculator" option.
  - Enter grades and credit hours for each course.
  - Click "Calculate" to view your current GPA, semester GPA, and cumulative GPA.
  - Save or share the results for future reference.
- **User Experience**: Easy access to calculate GPA in a few clicks with personalized features.

7. Student Progress Tracker and Academic Roadmap

- **Flow**:
  - In the "Student Services Hub," click "Progress Tracker & Roadmap."
  - View a visual academic roadmap highlighting:
    - Completed, ongoing, and remaining courses.
    - Required milestones (e.g., major project, internship).
    - Recommended electives or prerequisites for future semesters.
  - Click individual courses for details or advice on completion.
- **User Experience**: A centralized, visual overview of academic goals and progress.

8. Study Groups and Virtual Classrooms

- **Flow**:
  - Access "Study Groups & Virtual Classrooms" in the hub.
  - Join or create study groups based on courses or topics.
  - Schedule or join virtual classroom sessions with peers or instructors.
- **User Experience**: Facilitates collaboration, making studying interactive and accessible.

9. Offline Access to Material

- **Flow**:
  - Click on "Offline Materials" in the hub.
  - Select courses to download lecture notes, videos, or assignments.
  - Access downloaded files anytime, even without internet.
- **User Experience**: Seamless offline access to learning materials, ensuring flexibility.

10. Booking System for Office Hours

- **Flow**:
    - o Open "Office Hours Booking" from the hub.
    - o Select an instructor and choose from available slots.
    - o Confirm the booking and receive a notification.
- **User Experience**: Simplifies the process of scheduling one-on-one time with instructors.

11. Virtual Map

- **Flow**:
    - o Navigate to "Campus Map" in the hub.
    - o Use the map to locate buildings, classrooms, libraries, or other facilities.
    - o Get directions or view details like office hours for specific locations.
- **User Experience**: Helps students navigate campus with ease, saving time and reducing stress.

12. Finance Services

- **Flow**:
    - o Select "Finance Services" in the hub.
    - o View outstanding fees, payment deadlines, and available scholarships.
    - o Make payments securely through an integrated portal.
    - o Track payment history or generate receipts.
- **User Experience**: Streamlined financial management and transparency for students.