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| --- | --- | --- | --- | --- | --- | --- |
| Feature | Better E-com | Old-bylaw E-com | New bylaw  E-com | Acadox | Google Classroom | Blackboard |
| Student Registration to The System | + | + | + | - | - | ? |
| Instructor Registration to The System | + | + | + | - | - | ? |
| Log In | + | + | + | + | + | + |
| Log Out | + | + | + | + | + | + |
| Sign Up (creating account for the user) | -  The account is generated for the student. | -  The account is generated for the student. | -  The account is generated for the student. | + | + | -  The account is generated for the student. |
| Profile | + | + | + | + | +  Through google account. | + |
| Change account password | + | + | + | + | + | - |
| Home Page | + | - | + | + | + | + |
| Department Management | + | + | + | - | - | - |
| Courses | + | + | + | + | + | + |
| View his registered courses | + | + | + | + | + | + |
| Register Course | +  In limited time. | +  In limited time. | +  In limited time. | + | + | + |
| Late Register Course with Fee | + | +  Only at specific time of the year | + | - | - | - |
| Registration User to Course | + | + | + | + | + | + |
| General Feed (posts on your homepage, limited to the staff) | + | + | + | - | - | - |
| Course Feed | + | - | - | + | + | + |
| Course Attendance | + | + | + | - | - | - |
| Course Attendance Complaint | + | + | + | - | - | - |
| Submit Attendance Excuse | + | - | + | - | - | - |
| Course Grades | +  For each assignment, quiz, etc. | +  Only Final and Class’s Work. | +  Only Final and Class’s Work. | +  Not used often. | + | + |
| Complain About a Grade (officially) | + | - | - | - | - | - |
| Course Feedback | + | + | + | - | - | + |
| Add or Download non-related course materials.  (general materials) | + | + | + | - | - | - |
| Course Materials | + | + | - | + | + | + |
| Files Materials | + | + | - | + | + | + |
| Videos and Audio Materials | +  Has media player. | - | - | +  Only file, no media player. | +  Through google drive. | +  Has media player. |
| External Links Materials | + | - No direct link. | - | + | + | + |
| Send Message | + | + | - | + | - | + |
| Receive Message | + | + | + | + | - | + |
| Delete Message | + | ? | + | ? | - | + |
| Send E-mail | - | - | - | ? | + | + |
| Receive E-mail | - | - | - | - | + | - |
| Calendar | + | - | - | + | + | + |
| Time Schedule (lectures, labs, and sections time and location) | +  Manually generated.  Added by Admin.  Displayed in Calendar. | -  Manually generated.  Sent file | -  Manually generated.  sent file | - | - | - |
| View all members of a specific course | + | - | - | + | + | + |
| Check Instructor Profile | + | +  On the faculty staff website | +  On the faculty staff website | + | - | - |
| Check Instructor Mail | +  In the profile | +  On the faculty staff website | +  On the faculty staff website | - | - | - |
| Mange Office Hours and Contact Information | + | - | - | - | - | -  But doable |
| Top 50 | + | + | + | - | - | - |
| Assignments (add, delete, deliver, view deadline) | + | - | - | + | + | + |
| Send a Confirmation Mail After Submitting an Assignment | + | - | - | + | +  You received a mail indicating that you submitted the assignment. | +  Give you a Confirmation Code that You Copy, You Cannot Check This Code After the Submission Has Closed. |
| Make Course Read-only | +  (Done by instructor) | -  (Done by instructor, you can see your grade for the finished course) | - | + | +  (Done by student) | ? |
| Archive or Deleting Course | +  Only available to system admin or staff | -  Should be done manually by the staff. | -  Should be done manually by the staff. | + | + | + |
| Exam | + | - | - | - | + | + |
| Exam Locations | + | + | + | - | - | -  But doable |
| Online Exam | + | - | - | + | + | + |
| Online  Meeting | - | - | - | - | +  Through google meet. | +  Through blackboard collaborate ultra. |
| Discussion board (where the students can create and comment of forums) | +  (low priority) | - | - | + | + (but for each course) | + (but for each course) |
| Polls | + | + | - | - | +  Through form. | + |
| Activity Stream | + | + (disrupted by received messages and received files) | - | - | + (through mail) | + |
| Event Registration (E.g., register to attend a meeting or an event) | + | + | - | - | - | + |
| Grouping system (where the student/instructor can create a group of students to collect some students to do some task) | +  (optional, low priority) | - | - | - | - | + |
| Arabic Support | +  (low priority) | + | - | + | - | - |
| Help guide | +  (low priority) | - | - | + | + | + |
| Notification system  (by mail or windows notifications) | +  (low priority) | - | - | + | + | + |
| Folder Sync (like git) | +  (optional, may be hard). | - | - | - | - | - |
| A domain for specific community (Cairo university, north America, middle east, etc..) | - | - | - | + | - | + |
| Search within the community (members, courses, materials, assignments) | - | - | - | + | - | - |
| Purchase course materials | - | - | - | - | - | + |
| Achievements (unclear how it works) | - | - | - | - | - | + |
| Blogs | - | - | - | - | - | + |