**Front-end**:

1. Sign up (+activation by email)/in + remember password + forgot password + logout
2. searching the course catalog
3. Browsing all courses
4. Showing the most popular courses (i.e. the top 6 courses according to the number of people learning them).
5. Filtering by Topic, language, author, cost, starting date.
6. Viewing the details of a course:
7. Description
8. - Syllabus
9. - Who is it for?
10. - Starting/Ending date (i.e. the user can't join before or after these dates)
11. - Cost
12. - Join a course
13. - Attend/Resume lectures
14. - Do quizzes
15. Get the list of courses currently enrolled in on the homepage
16. - Request Customer support (email, and chat)

What was completed Frontend fully:

* 1 (not fully check not done part)
* 2 – 3 - 12: On the same page using dynamic search similar to lab 5 ex2 (cannot enroll to same course twice)
* 4
* 5
* 6-7-8-9-10-11
* 13 (attending was done, for resuming check below)
* 15
* 16: can ask questions and receive answers from expert

Incomplete Frontend:

* 1: login and sign up are completed, however, we couldn’t get it to send/activate through an email to verify. We checked online resources but most of the results were Laravel which we couldn’t integrate due to time limitation. Furthermore, since no actual email sending was done, we couldn’t get the forget password function to be meaningful as just entering a username and editing its password would be bad.
* 13: we successfully added lectures to each course and the user can choose which lecture they want. However, to do this, we had to query the database which always brings them in the same order not allowing cookies to work, so the user can’t pick up from where they left. IF BY THIS REQUIREMENT IT WAS MEANT THAT THE USER CAN JOIN LECTURES AND CYCLE THROUGH THEM THEN IT IS FULLY DONE.
* 14: We didn’t know how to implement the question, answer, grade in database; we didn’t want to hardcode some values which would be bad.

**Back-end**:

1. Sign up (+activation by email)/in + remember password + forgot password + logout
2. Managing use accounts (activate/deactivate, suspend, delete)
3. Managing all the details of courses (listing, filtering, adding, editing, deleting). You cannot delete a course being currently attended.
4. Managing Quizzes (MCQ-type)
5. Provide customer support

Back-end finished:

* 1 (same problems as above)
* 2
* 3
* 5

Incomplete backend:

* 4 (same problem as above)

Work division:

1. Ali:

Database design and implementation

Admin (backend 1,2,3,5)

1. Iyad:

Main outside page and logins of user, admin, expert

Expert:

Answer questions, suggest to admin, manage profile

Student:

Ask question to expert and view their answers

1. Ziad:

Everything student related: completed frontend list (2->16):

Enroll to courses (search and catalogue) – my courses – filter courses - manage profile – php side of most popular courses (Ali wrote the query)