I would like to separate my questionnaire into two parts – front end and back end for better acquiring requirements.

Front-end:

1. **Could you describe in as much detail as possible what students can do with the website?** (interface, functionality, login, forum, quiz, contact, F&Q, certificate…)

some follow-up questions:

* 1. **If we need a log-in system, what information is needed to be stored?**
  2. **Do students need to enroll to the course before their study?** (send an email to inform)
  3. **What kind (theme)** **of the interface will be better?** (simple, fancy?)
  4. **Can you give me some example websites whose interfaces are similar to what you want?** (including sidebar, color, layout, menu bar...)
  5. **Do I need to build a “basic framework” according to the given unit materials?** (learning points I summarized in wiki and sample quiz questions)
  6. **Can students leave comments during the study and exercises?**

Question about units:

I would like to divide it into two sections: teaching content editor part, which is used to teach students the knowledge and quiz part, which is used to test their learning. Firstly,

1. **Could you tell me what functionalities are expected for the teaching content editor part?**
   1. **Is it allowed for students to study from the random unit instead of following the order of the units?** (they have to start from the unit 1 and then 2,3,4?)
   2. **What kind of resource will be used in the teaching content?** (text, picture, video, audio, flash…)
   3. **How will the teaching contents be arranged into pages?** (my suggestion: For example, in the material unit 1, the main page of unit 1 will be a summary of the unit to give the structure. Each point will be arranged to separated page. And click each point to show the description (like Spirometry and Arterial Blood Gases in the unit 1))
   4. **Do we need a pathway review?** (jump to some specific module/page)
   5. **Do we need to record (store) students’ study progress?** (refer to 1.1)
2. **What types of exercises do you expect the website to provide?** (As discussed in previous meeting, it will mainly be quiz, so the following questions are focus on quiz. If he mentioned other exercises, then ask about more details)
3. **Could you tell me what functionalities are expected for the quiz part?**
   1. **What types of questions are expected?** (From my summary of the unit material: Gap filling (Scenario, name different parts of the organ), Multiple choice, Choose the correct graph & short answer, T/F, Drag and drop match, case study (including short answer and explanation))
   2. **Where the quiz should appear?** A small quiz to test after some relevant points of each module or only one quiz in each module or both? I prefer both because it will allow users answer wrongly in the small quiz and give a detailed explanation for helping better understanding. For the unit quiz, users have to answer like 80% questions correctly then they can continue to the next unit, otherwise, they need to study again.
   3. **How the questions are expected to be arranged in one quiz?** (all in one page or one question one page by clicking next to move to the next question until the quiz finish)
   4. **How many questions in one page?**
   5. **Do questions need categories?**
   6. **Do we need a time limit on each quiz?**
   7. **Do we need to make the questions randomly appear each time?**
   8. **Do we need to make the choices randomly appear each time?**
   9. **Do we need a hint? When?**
   10. **Do we need to give a grade for every quiz?**
   11. **Will the result of each answer be shown immediately?** (Or submit all answers then the results shown)
   12. **Are all quizzes are required to answer before students click “Next”?**

4.9 **How many times can students attempt the quiz?**

4.10 **Do we have conditions to allow students to ender to the next unit? If yes, what conditions should be?**

4.11 **If students answer some questions wrongly, what will happen?** (explanation, back to the relevant knowledge points)

4.12 **If students answer some questions correctly, what will happen?** (a red mark)

4.13 **If one student has answered all questions and submit his answer, what will happen?** (grade, feedback, email, answer with explanations)

4.14 **Is it allowed to go back to change their answers?**

1. **Can you explain the differences and similarities by comparing our website with STARS?** (This question is for better understanding the above functionalities and help to find more ideas)
2. Some layout questions: (it is more detailed questions, ask if we have more time, otherwise, leave it to further meeting)
   1. **Can you describe as much detail as possible about what the home page of the website will look like?** (text, picture, video, introduction, sidebar, color, layout, menu... better draw a draft on board to make it more clear)
   2. **Will the units be shown in the home page?**
   3. **If yes, how much information about the units will be shown?** (title, short introduction, unit structure) (my suggestion: only unit titles shown in the main page, all detailed information will be shown by clicking each unit button)
   4. **What the sidebar (menu bar) will look like?**

Back-end:

1. **Could you describe in as much detail as possible what the team will use the website to do?** (create quiz, add course content including any media form: text, picture, video…, delete content, add or remove units)
2. **Can you describe what kind of back-end is expected by the team?**
3. **Can you describe what aspects of the back-end are the most important to the team?**

9.1 **Does the team need to re-coder the content and the quiz frequently?**

1. **Can you describe how is the team staff computer level?**
2. **What do you think will be counted as “easy” for the team to use (on editing teaching content and quiz)? Do you have further examples of this?**
   1. **Do I need to write a guide document to teach the team how to use the website to manage the course?**
3. **Do you want to record students’ study results in the back-end?** (for example, completion time, scores, when they did the quiz…)
4. **For the website, what aspects are the most important to you?** (the security of the website? the usability?)