4.1 Question Bank -> Book library -> Book -> Topic -> Test -> Question.

4.2 ??????????? -> Practice exam set -> Practice exam -> Course -> Question.

- in 4.1.1.1.1

Does the “topic” mean subject?

Yes topic is subjet

Could you tell me the example of topics?

Mathematics=Course

“derivative”, “integral”, “logarithm” = Topic(subject)

“mathematics”, “Physics” … right?

It is course,its not subject

- in 4

I couldn’t get clear idea bout some of concepts. They look very similar so I couldn’t distinct them.

Could you give me examples of topic(in Question Bank) and course(in Practice Exam)?

Topic(Question Bank) = “logarithm(mathematics)” “Fluid Pressure (physics)”, “Electricity(physics)”, “Magnetism(physics)”,..

course(in Practice Exam)= “mathematics”, “physics”, “chemistry”, “biology”, “history”….

I guess the book categories could solve my question, but I want to hear exactly form project manager.

- in 4.

Question Bank has its library and Practice Exam also has its library.  
I want to know if they are the same library? Have same books?

Question Bank and Practice Exam Set are completely different from each other. the contents of the book are different. so their libraries are different. for example: question bank; It is meant to solve many questions on a particular subject. However, the Practice Exam Set contains mixed questions from all courses and all topics. Its purpose is to measure the level of knowledge.

Or they are different library but use same books?

no they don't use the same books. I added you to a new board in trello so you can understand this.

- Should I separate questions according to Question Bank and Practice exam?

The Question Bank and Practice exam are completely independent structures. They have no common points.

Or all Questions can be used for both them?

no

- In 4.2.2.1.1

The definition “test” appears suddenly. Why? What is the “test” here?

It contains a certain number of questions. eg math -> logarithm -> Test 1 (contains 10 questions), Test2 (contains 15 questions).

each test contains a certain number of questions

Is it the same like one in 4.1(Questions Bank)?

- I think the attachment you gave me are not described logically and have some mistakes.

Even it makes a developer's thought mess.

Could you give me exact/logical guide?

yes

In the source code, there are not never comments for every model.

Yash hasn't commented, I'll let him know and he'll add a comment

- if possible, I want to see app for my perfect understanding(although without api connections).

Okay, I will send .apk

- which part of the pdf would be correspond to models of book service?

places written as question bank

10.26

- what is success rate?

Although a student didn’t give the correct answer to some question, he can re-exam that question.

In that case question’s solved state convert from “incorrect” to “correct”.

All questions and tests are solved only once. success rate: from the questions solved by a student, (number of correct answers / number of all questions "in the test") \* 100

So, finally, success rate can be 100% by unlimited re-exam?

an exam is solved only once.

- In 4.2.1.1

Practice Exam Set = Practice Exam Book?

There can be more than one booklet in an exam set.

The exam set contains many exam booklets. exam booklet: similar to the national university entrance exam. for example

-Exam Set-1

\*Booklet-1

Booklet Test-1 (have 20 questions)

Booklet Test-2 (have 40 questions)

Booklet Test-3

\*Booklet-2

\*Booklet-3

-Exam Set-2

-Exam Set-3

There are two rankings(Practice Exam Ranking, My Rank in the Practice).

Can you send me screen shoots about that?

**Practices exam set rankings;**

With the success rate of the sum of all booklets(booklet-1, booklet-2…) questions, all students in the system are placed in a ranking. (number of correct answers in all booklets / number of all questions in all booklets) \* 100

**Practices exam (booklet )rankings;**

For only one booklet, success rate is calculated with this formula. and all students who solve this booklet are ranked according to their success rate. (number of correct answers / number of all questions in one booklet) \* 100

What it the calculation formula for these?

- In 4.2.1.1.1

Practice Exam Ranking?

Its about booklet. Among all the questions in the booklet (practices exam); (Number of questions answered correctly / number of all questions in the booklet) \* 100

- In 4.2.1.1.1.1

What does duration means?

the time a student spends solving the test. For each question solved, there should be a parameter of time spent. time is measured in two ways; 1-manual entry, the time spent by the student into the system manually. this time is divided by the number of questions, and the time spent on each question is found. for example; If 10 questions are solved in 20 minutes; 20/10 = 2, 2 minutes was spent for each question. the application calculates this and sends the time spent on each question to the server.

Parameters of the 1 question are as follows.

\*\* For the question bank;

The correct answer to the question

-student's answer

the time the student spends on the question

the test the problem has

-Question has Book Sections Unit

-Question has Book Unit

-Question has Book

\*\* For Practices exam set;

The correct answer to the question

-student's answer

the time the student spends on the question

The boklet tests the question has

-Question owned Practices Exam Booklet

-Question Practices Exam Sets

Durations for a Practice Exam or a Course?

- In 4.2.2.1.1

What types of category does have Book Categories?

Could you please give me some examples?

It was developed in admin panel. A lot of data in the mobile application will come from the admin panel. I create many categories in the previous section in the admin panel. then every time I add a book, I choose the category that book belongs to. thus the book belongs to a category.

- \*\*\*\*\*\*\*\* Where is the question content \*\*\*\*\*\*\*\*\*\*

In other words, how can students see the question content?

Photo? Text?

students cannot view question content. questions are sent to the student in a printed book. the student solves the question in the book, and marks the answer given to the question in the practice. The purpose of the application is to be an assistant. When a student makes a question wrong, he uploads a picture of the question and answer to the system for that question. so he can find and examine his wrong questions later on

10.27

- In general

How can I evaluate Percentage of Book?

this is the duty of the admin. admin, first the number of questions in the test and the test is added. as shown on the previous page. then go to the area where the tests are listed. any test is clicked. Enter answer key to test option is selected. and the correct answer is marked for all questions in the test. then the subtopic to which the problem is linked is selected.

second sentence explanation: the parameters required for a question are: - the correct answer to the question. - lesson of the questions. - subject of the questions. -the subtopic of the problem. Admin; book -> book unit -> book unit section -> book unit section Tests -> adds the correct answer to the question. When adding a book unit, it selects a lesson for book unit and under all questions in the book unit. Thus, all questions under the book unit are linked to this course. then, the book unit adds a section and at the same time selects the topic to which the book unit section will be linked (it does not select it, because it has already selected a course in a higher field. Then, when it comes to adding the correct answer for the test, the course and topic selection has already been made in the upper menus for the questions in the test. therefore, only subtopics are selected for the question in this field. This subtopic is the subtopic under the previously selected topic.