1. Lets start start the Team 14 2nd week presentation . I am presenter 정훈김

2. This is the table of contents for this presentation.

3.first, weekly plan

4.This is our team’s time schedule.

This week, the first week since the Proposal was approved, We focused on data collection and design work.

Three major tasks were carried out:3개읽기

I will explain these three things in the progress part.

5.second, progress

6. First is data collection. In order to generate WOD, one of our final objectives, it is essential to check the structure of the WOD and to collect data on the WOD components. We classified the components that require data collection into three categories. This is an example of a real WOD, and I will explain it through this example WOD.

First category is type. Type means completion condition of WOD. FOR time is a TYPE that aims to finish a set movement as soon as possible.

Second category is movement. The advantage of CrossFit is that you can enjoy it without being bored because there are many movements. To do this, it is necessary to collect enough diverse movement data.

Third category is equipment. Although it is not explictly apparent in the WOD configuration, equipment data collection is also essential because the method of performing the movements or movements that can be performed may vary depending on the equipment. For example, Box Jump's equipment will be box and double under's equipment will be jump rope.

7. This is one of the WOD type data that we actually referred to. There are 6 types of WOD.

8. and This is one of the WOD movements data that we actually referred to.

10.and This is one of the WOD equipment data that we actually referred to. Data from the equipment used in the actual crossfit movement were collected.

11. Data collection was carried out by organizing the reference materials shown earlier. In the future, it may be convenient to save in Excel format for data management module .But first, it was saved in the form of text file.

This picture for example, shows movement data. Additionally, equipments needed to perform the movement are stored together.

12. The second progress is to create an Excel sheet template for users.  
This picture is the WOD record, the main part of the user Excel sheet template.

The information required for WOD record is recorded through this part.

An example of the picture is a recording of the actual FRAN WOD.It contains WOD name,WOD type, Movements, equipment, Repetitions, Weight, WODlevel, WOD record, Personal score. Example’s personal score is a random number and the development of algorithms for the calculation of objective personal score is planned for the ninth week.

13.These are personal information parts.

It records the most basic personal information, including name and physical information, and also stores average records, not daily records.

The picture on the right records information about the available equipment for users.

No matter how well-configured a WOD is created, it is of no use without an equipment in which the user can perform it. Therefore, our program will create a WOD consisting of movements that can be performed in consideration of these users' equipment environment.

14.last progress is defining data structure. Currently, only basic structures and member variables are defined. Methods that have not yet been added will be added in a way that is good to be used together when developing data management modules.

The data structures have aggregation relation in one direction. PLAYER class refers to WODrecord class, WODrecord class refers to WOD class, and WOD class refers to MOVEment class. The data collected in progress 1 will be managed/stored in this form of data structure.

**14.problems & solutions**

**16.**

**17.** This week, basic data collection, data structure definition, and Excel template creation were made. Next week we will proceed with the design and development of Android UI. In addition, the development of parsing modules that can parse templates created this week, additional data collection, and the storage of collected data in the data structure will be proceeded.

**18.**

**19.**

**20.**

**21. and this is test result.**we tested sending email from the 장고 shell.  
**mail title is title  
mail content is content**

**두번클릭**we confirmed that the mail was sent successfully.

**22.third. problems and solutions**

**23. Problems opening RabbitMQ sockets on WSL**

A connection error occurred even though Rabbitmq server was running.

**24. as a solution to this, we changed** the ip address bound to ipv6 to ipv4

**25.fourth, next week plan.**

**26.** This week we have addressed RabbitMQ to build a system with Celery prior to the actual test and identified the basic mechanism. Based on this week's experience, the test will begin next week.

**27. QnA section**

**28.this week, there was no question**

**29.** this is end of Team PO coach 12th week presentation. And this was presenter 정훈킴 thanks for listening