# **1.**

**1. Lets start start the Team 14 3nd week presentation . I’m presenter Go Sungjoo**

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

**3. weekly plan**

**4. This is our team’s time schedule.**

**This week, We focused on basic develop tool**

**Three major tasks were carried out:**

**Basic android UI design& develop**

**Implementation of excel parsing module**

**WOD data collection& data store to data structure**

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**5. progress**

**6. Data collection part**

**For collecting WOD data, searched wods from wodwell.com  
Then the wods are translated to excel type**

**7. for Data store to data structure, use pandas library from python**

**In python, pandas library pass on excel data to python arrays**

**8. Also, these arrays are used in TensorFlow library**

**9. Basic android UI design&develop part**

**Progress basic android UI setting and overall structure**

**As follows, from November of this year, when uploading APKs, API 29 or higher must be targeted, so we decided to use a higher API level than to meet the 100% supportability rate. Therefore, API level 25 was selected.**

**10. For NETWOD, we chose the bottom navigation view because it fits well with our project.**

**11, Android Studio's default UI interface is activity.**

**Activity refers to the UI displayed on one screen.**

**Fragment is an element constituting UI by placing an active sequence.**

**12In the case of NETWOD, it has the mainactivity of the entire frame**

**Four fragments corresponding to the bottom navigation bar and**

**It consists of interactive fragments.**

**splash screen**

**It refers to the start screen that is briefly exposed so that the blank screen is not displayed during the loading time of the app's data.**

**And it's difficult to get non-copyrighted image files for splash screens and icons.**

**Changes to the temporary image will be carried out further next week.**

**13Java Archive (JAR) is a collection of Java class files and related resources (text, pictures, etc.) used by classes.**

**Metadata into a single file**

**Software package file format for library distribution.**

**13 Apache POI library**

**this library link a jar file to Android studio**

**14 the goal is being able to recognize and process excel files**

**15 The system saves The personal information on the previous page**

**Then get, set function uses this data**

With the function, the Excel file can be modified and saved in the designated path.

**16.problems & solutions**

**17. in this week, we found some problem from WOD data collection**

**Wod sample is too lack to learn , machine learning need more sample**

**Searching wod is easy but translating excel sheet is hard**

**18. our solution is automatic collector this program work on the process**

**first, scraping source data from HTML**

**second, scaling source data(parsing , etc..)**

**this process that changes web data to arrays can save the time**

**19. Last week we got a reply asking for github activity.**

**20.  
This week, we will post the activity details on the solution part, and from next week we will organize and attach it to the presentation.**

**21. Next week plan**

**22. This week, Basic UI tool, excel parsing module and wod data collection were made. But** We couldn't change icon, **splash screen** image because **it is difficult to obtain non-copyrighted image files for the splash screen and icons Changing to the temporary image will be carried out further next week.**

**Next week plan is**

**First.** we will implement fragments that continue from each fragment.

**Second, proceed Implementation of App database**

**finally Implementation of WOD generating module**

**In addition, for solving problem, develop web crawler in ‘Implementation of WOD generating module’ process**

**23. this is end of Team PO coach 3th week presentation. And this was presenter Go sungjoo thanks for listening**