MIDTERM EXAMINATION SEMESTER II 2020/2021
UNDERGRADUATE PROGRAM IN COMPUTER SCIENCE
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS GADJAH MADA

Course name	**: KS – RPLD (Data Science)**
Date	**: Friday, 13.30-15.00**
Waktu	**: 90 minutes**
Lecturer	**: Dr. Mardhani Riasetiawan**
Type	**: Open**

PLO3; CO-1: [Understand the characteristics of large amounts of data production in today's systems] value: 10%

1. Analyse and design the technology to gather the data that you have decide with your group

2. Describe the data sources and data characteristic that you have from the data gathering process

*PLO3; CO-2: [***Understand how to collect, parse, and process large amounts of data***]; value: 20%*

3. Describe and explain the structure of dataset based on the *Data in Brief* standard

*PLO43; CO-3: [***Knowing the operations that exist in the map-reduce computing framework***]; value: 10%*

4. Describe and explain your dataset in the several point
   a. The description of dataset (abstract)
   b. Dataset keywords
   c. Value of the data
   d. Experimental design, materials and methods