**Meeting Agenda and Minutes** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Meeting Title**: Project Kick-Off Meeting  
 **Date:18/08/2022**  
 **Time: 5:15 pm – 6:15pm**  
 **Attendees: Ahmad Asgharian Rezaei, Chengyang He, Huahu Wen, Yipei Liu, Yiyang Xie** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Item: result overview Allocated time: 20** minutes **Notes: Clear what we have**

**Item:** Communications **Allocated time: 20** minutes **Notes: Identify the jobs of each team member**

**Item:** Next Steps  
 **Allocated time: 20** minutes  
 **Notes:**

**1.[Pre-Processing]: Given the articles, and the keywords, check whether the article is strongly relevant to the keywords/ parameters of interest.**

1. **For this one, you can come with a scoring algorithm, that assigns a relevance score to each article.**
2. **You can do a research on the retrieval scoring algorithms.**
3. **The trivial way is to check whether the keywords, or the parameters of interest appear in the important parts of the article (e.g. title, abstract, headings, so on).**

**2. [Classifying the images into have-tables/no-tables] Train a machine learning model on images of pdf-files, assigning labels to each page, saying wether it has a table in it or not.**

**3. [Extracting tables from images] Given an image of an article which has a table in it, retrieve the table in the most accurate way.**

**4. [Post-processing] Given a table, check wether the parameters of interest appears in that or not.**

**After step 4, we have a set of tables, that we are sure all of them have the parameter of interest in them.**

**5. [Final Processing] Unify all the tables, to summaries the results for the parameters of interest.**

**The idea way of presenting the results would be one table per parameter of interest.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Other items: Leader:Yiyang**   
**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**