UNIVERSITY COLLEGE LONDON

Department of Computer Science

British Library Big Data Experiment – Week 8 Progress Report

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1. Overview of Activities

LAST WEEK KEY ACTIVITIES

- Delivered mid-project presentation.
- Gained access to and investigated Azure Search technology.
- Implemented download of OCR text files.
- HDInsight C# streaming job implementation.
- Updated user interface.
- Meeting with Dean Mohamedally to review project progress.
- Meeting with James Baker and Melissa Terras (UCL Digital Humanities) to review first prototype.

THIS WEEK KEY ACTIVITIES

- Develop advanced search feature using Azure Search API.
- Prepare and produce a project video.
- Updates to user interface design.
- Implement Boolean operators into advanced search. (AND, OR)

NEXT WEEK KEY ACTIVITIES

- User interface additions to allow Boolean operator functionalities.
- Integration of advanced search and Boolean functionalities from Azure Search into the user interface.
- Begin development for traceability feature.

2. Deliverables

Description	RAG Status
Video The purpose of the video is to outline the project, its benefits to the client and the Azure technologies utilised. The video can be viewed by following this link.	**Green**
Advanced Search Implemented search facilities using Azure Search in the advanced search for title, publisher, and publication place. These fields support multiple keyword input from the user, and returns the results in the order of relevance.	**Green**
Boolean Operators Implemented back end for Boolean operator functionality (AND and OR).	**Green**