Requirements Specification Document
Group G

Topic: Developing Semantic Annotations of Scientific Publications
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1. Functional Requirements

1.1. *Annotation of simple tables*

Description: given a simple matrix-like table with number of cells equal $m \times n$, where m and n are the number of rows and columns, the goal is to annotate the contents of each cell.

Priority: high

1.2. *Annotation of complex tables*

Description: annotate the contents of each cell in the table given the situation where some cells are merged by row, column or both.

Priority: high

1.3. *Automated annotation of selected table content*

Description: capture and annotate column and row properties and devise the following option - for a given selected row, annotate the content of the cells according to the column properties. The reverse option is also necessary.

Priority: medium

2. Non-functional Requirements

2.1. *Scalability*

Description: Handle large pdf file. - analyze large pdf files for simple annotation and annotation of simple and complex tables as well. The major difficulty is to understand how to select tables in a proper way, as simple text annotation is moderately difficult to realize.

Priority: medium

2.2. *Usability*

Description: Adapt the user interface to the options of performing simultaneous annotation of multiple files. The adjustment of the interface is hiding the functional issue of stream of annotations - finding similarity between documents that are annotated in the current bulk of documents (a subject of further discussion).

Priority: medium