JURISINNOV

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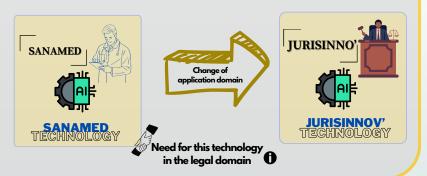
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Introduction & Motivation

In our intrapreneurial project, we aim to apply a technology initially developed for medical records to the domain of jurisprudence. This technology, created by the Sanamed team, extracts patient metadata and generates medical document summaries. Our objective is to explore and customize this solution to enhance the efficiency of processing legal documents, ensuring increased accessibility for legal professionals, particularly those pertaining to jurisprudence.





Analysis & description of the group work

To implement our solution successfully, we began by meeting with legal professionals, including jurists *Mrs. GALBOIS-LEHALLE Diane* [1] and *Mrs. BEVIERE BOYER Bénédicte* [2], to grasp the needs of the jurisprudential realm and assess the adaptability of technology.

Following that, we contacted *Mrs*. *Zineb LIRAQUI* [3], a lawyer managing an online firm [4]. After negotiations, she provided us access to a database containing a collection of scanned files on which we conducted our work.



the director of an online firm





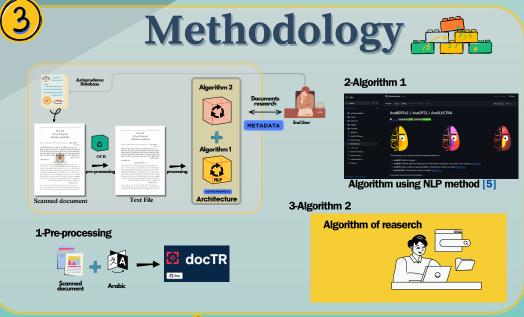
Mrs. GALBOIS-LEHALLE Diane

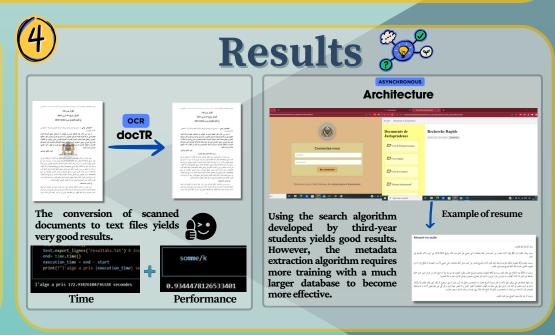
Mrs. BEVIERE BOYER
Bénédicte

Mrs. Zineb LIRAQUI

To maximize the use of the database, collaboration with third-year students was essential for preprocessing the dataset. They conducted a study to identify the optimal technology for converting scanned documents into editable text files, determining that Optical Character Recognition (OCR) technology, particularly docTR, excelled in speed and efficiency. Working together, we developed two algorithms for the asynchronous architecture, allowing simultaneous and independent operation. The first algorithm serves as a tool to extract metadata from our text files, while the second allows users to search for documents and retrieve metadata.





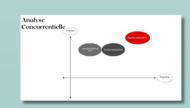




Innovation & Business targets



- Providing a complete solution for digitizing jurisprudence data to improve the quality of decisions made by jurists.
- A comprehensive database of jurisprudence from the past 23 years.
- An automatic summary of each jurisprudence.
- Optimal search speed.



Business targets

- Monthly or annual subscription for platform usage.
- Fees for additional services such as personalized training or specific integrations and generating extra summaries of Law documents.
- Strategic partnerships with institutions for large-scale projects



Bibliography

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