

Extricator

https://www.neuralwave.ai/

Oodles AI Proprietary and Confidential https://www.oodles.com



Introduction

- Extricator is an automated OCR platform for processing invoices, bills, and receipts.
- It retrieves organized and comprehensive data, sorting it into lists and tables generated from OCR-processed invoices.
- The platform automates the parsing and processing of invoices, receipts, and forms.
- When users upload files, Extricator extracts and processes the data, presenting the output as key-value pairs.
- Users can download the extracted data in Excel format.
- The platform also allows users to update mappings and save custom models and configurations.
- This platform uses advanced computer vision and Natural Language Processing (NLP), it employs React.js to create
 an intuitive interface.
- PDF parsing is used to process and extract data from PDF documents like invoices, bills, and receipts.
- Used Generative Ai for improving various aspects of the platform, making it smarter and more efficient.
- Document AI is used for processing and understanding documents.

Tech Stack

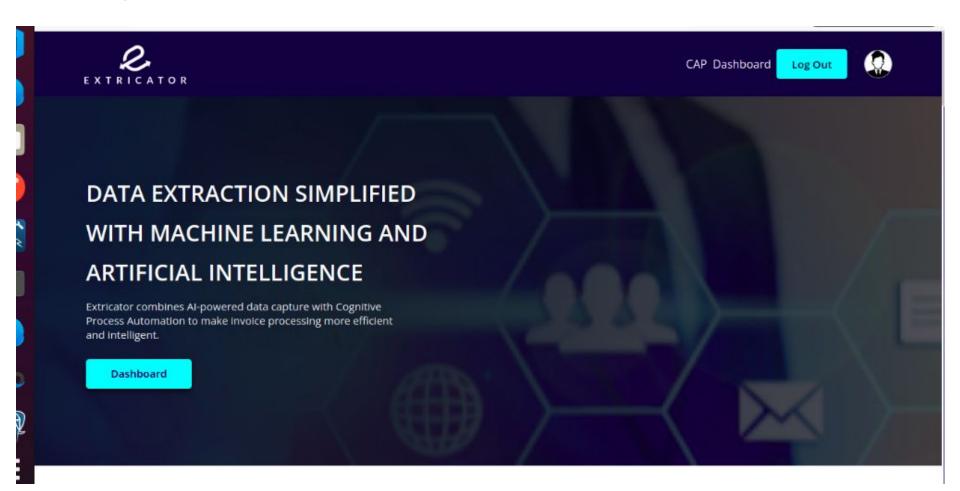


Technology	Version	Description
React	17.0.0	Used for website front end related tasks.
Python / Django	3.8.10	Django is a Python Web framework which is use to create web app and write business logics.
JQuery	3.4	jQuery was used to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Aja
MongoDB	4.2	MongoDB is used as a primary database.
PDF Parsing	-	wkhtmltopdf to render HTML into PDF
JsPlumb	2.9.0	JsPlumb was used for building connectivity based applications, such as flowcharts, process flow diagrams
Doc Al	V1beta3	processing and understanding document

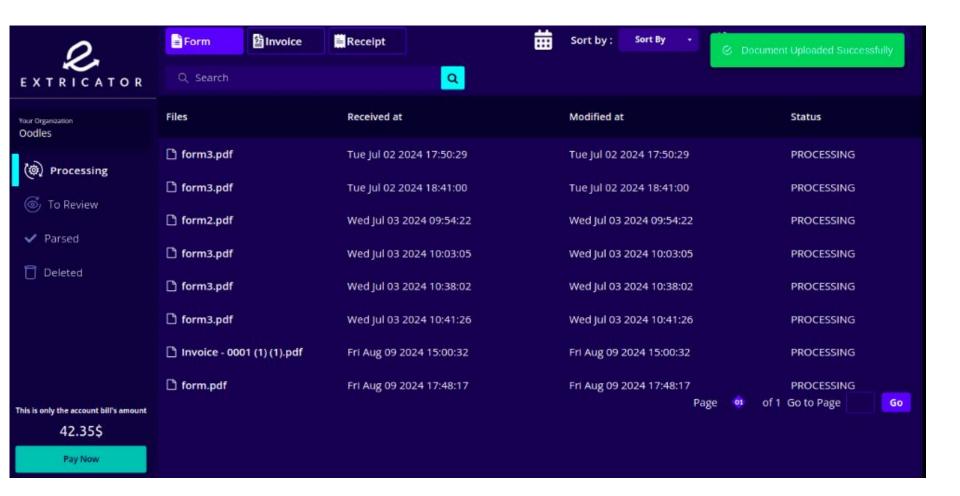


Application Flow

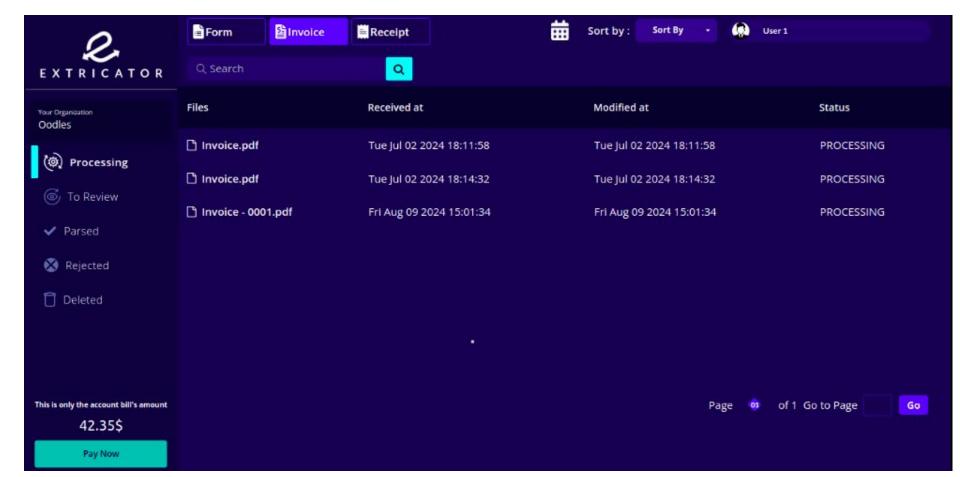
Homepage



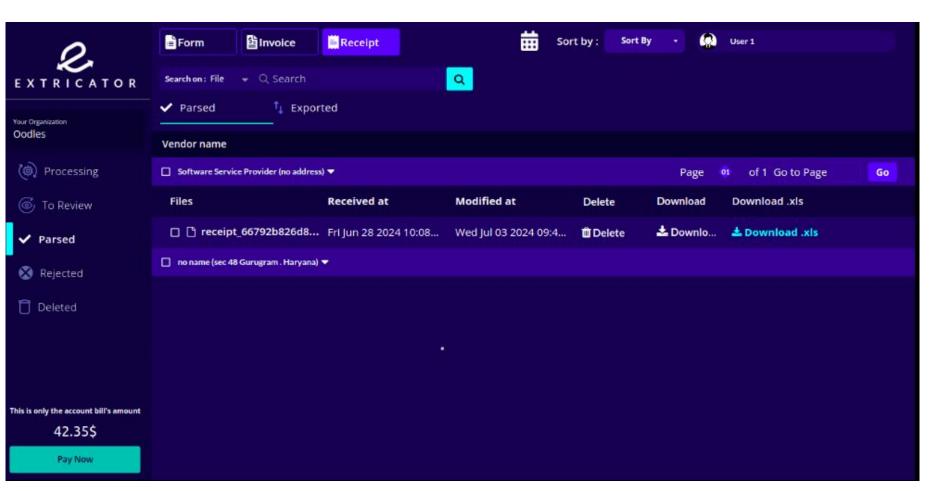
Dashboard Processing Page for Form



Dashboard Processing Page- After uploading Document goes to review section where one can review the document



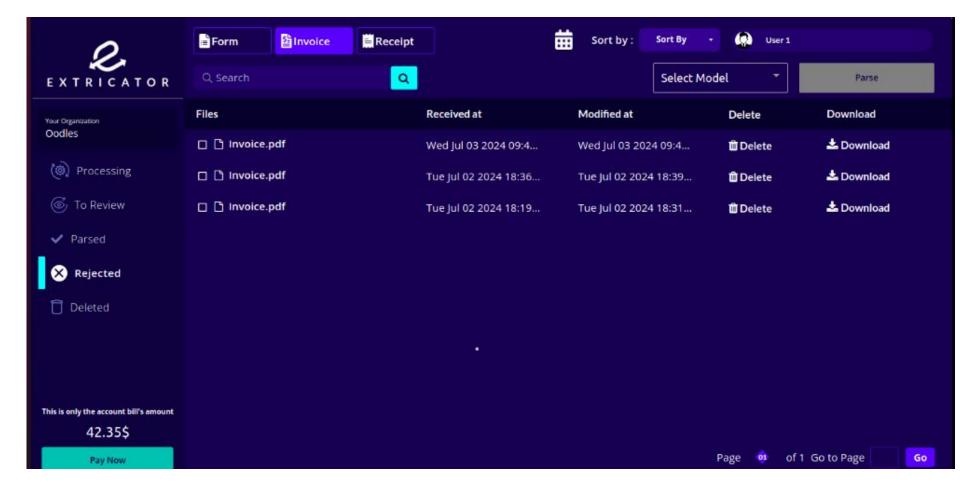
After Parsing Document can be viewed, deleted and downloaded as spreadsheet



Parsing Result



If the Document is somehow not parsed it will go under Rejected section



Deleted Files will be visible in Deleted section

