

Document Management Application with AI-Driven Metadata Generation

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PLAN

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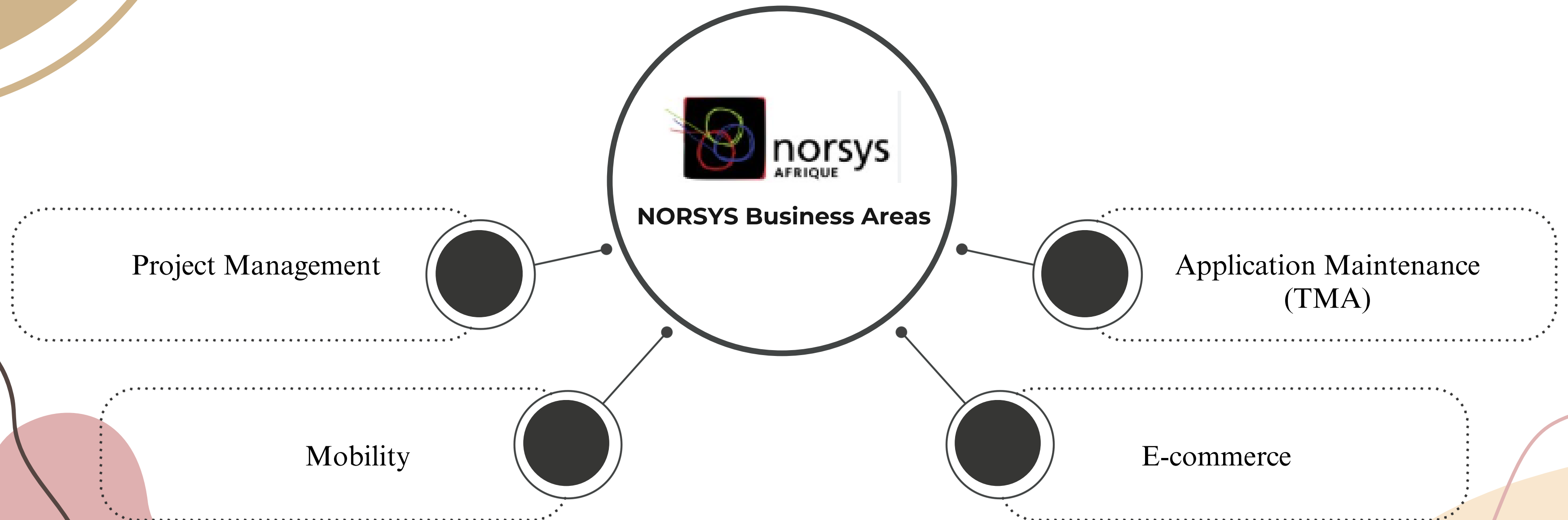
INTRODUCTION

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“Knowledge is power. Information is liberating.”

-Kofi Annan

PRESENTATION OF THE HOST ORGANIZATION



PROBLEM STATEMENT



- Hard to find the right documents.
- Creating metadata manually takes too much time.
- Documents are not organized consistently.
- Downloading and sharing documents is inefficient.



Objectives

1 Build a document management platform that can grow with users' needs.

2 Use AI to automatically generate document metadata.

3 Make it easy to browse, upload, update, and download documents.

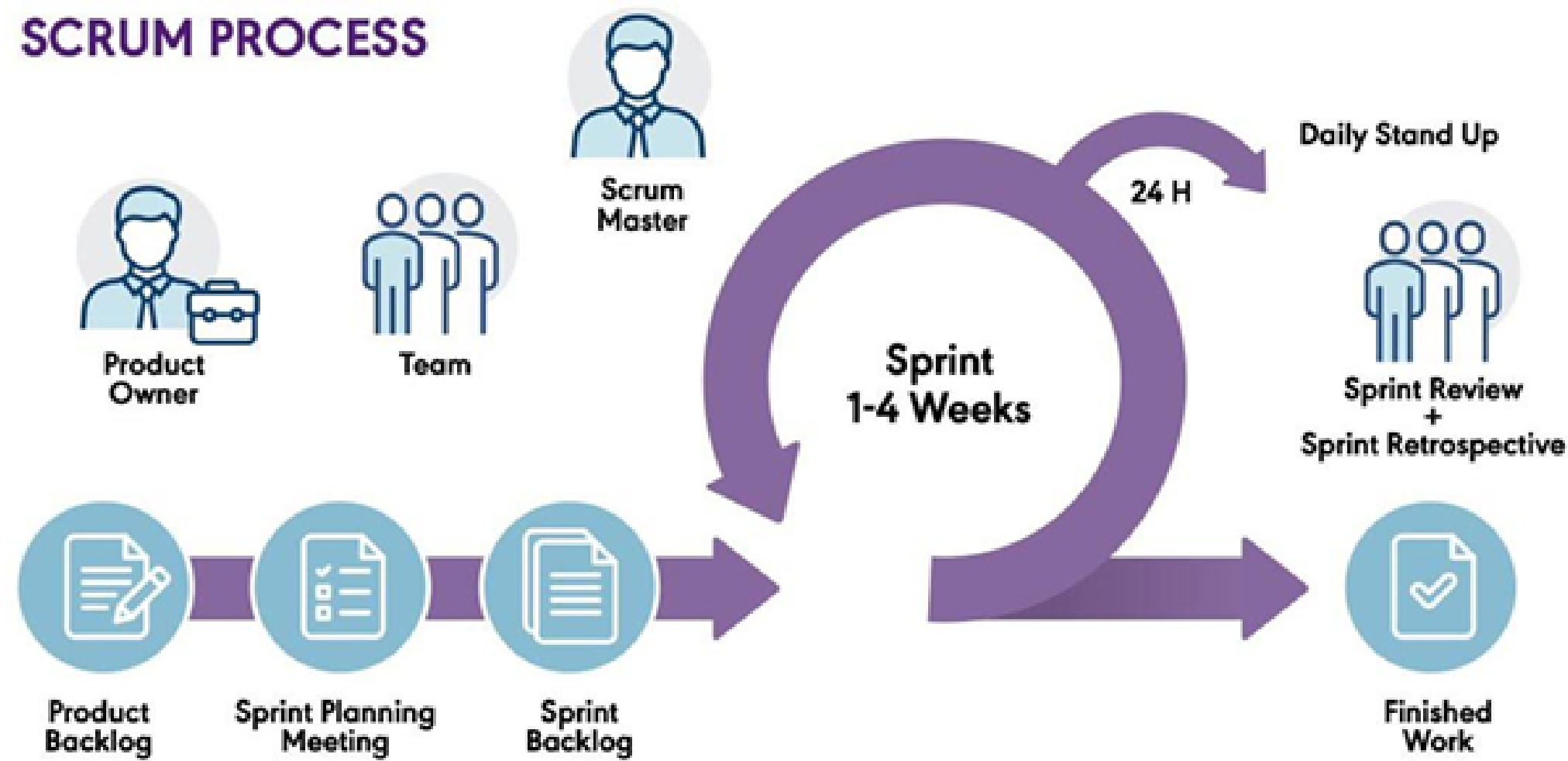
4 Create a simple and responsive user interface.

5 Keep document data safe and well-organized.

Project Management Approach

Scrum Methodology

The SCRUM approach is an Agile method for managing projects. It helps teams work better and improve the product using regular feedback.



Functional Requirements

Document Catalog Management

Document Data Management

Download Functionality

AI-Powered Description
Generation

Dashboards and Visualization

Report Export

Local Chatbot

Non-Functional Requirements



Performance



Security

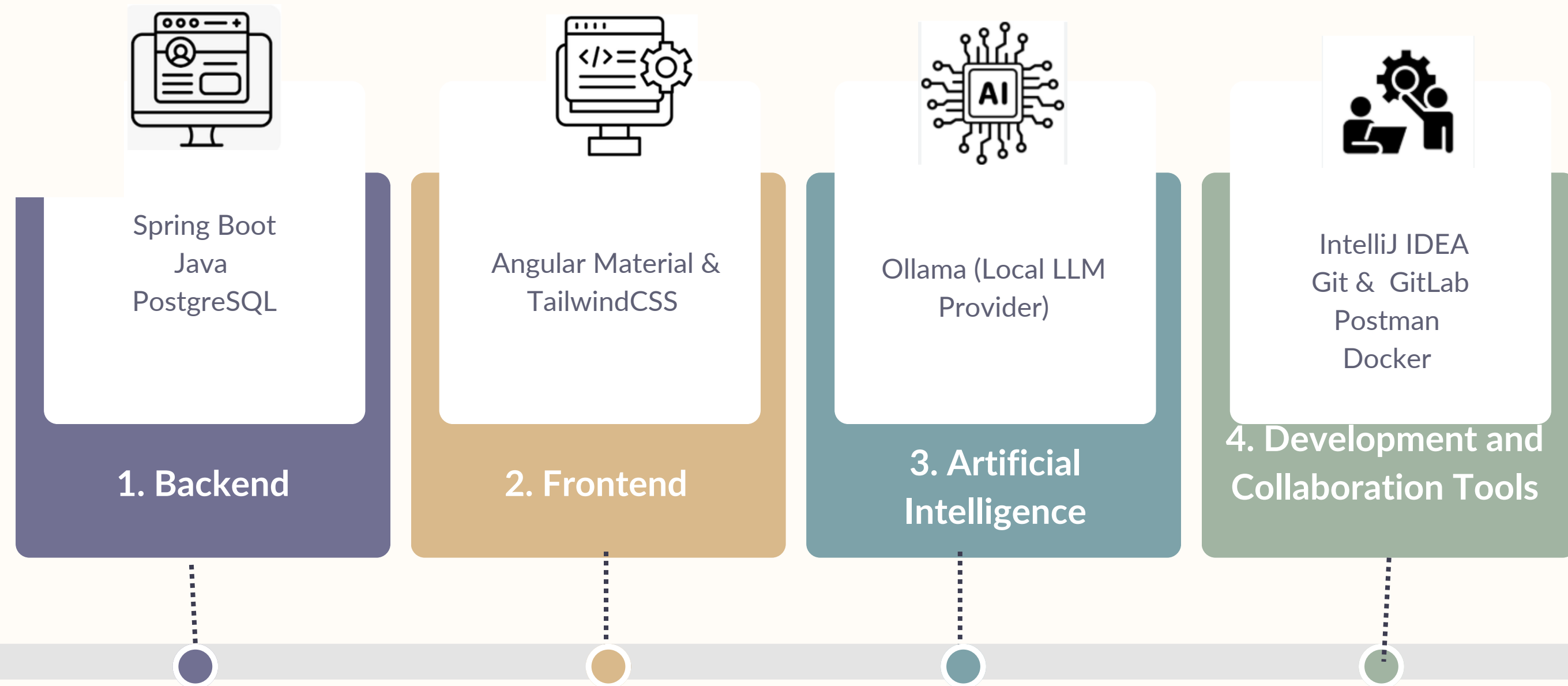


Maintainability



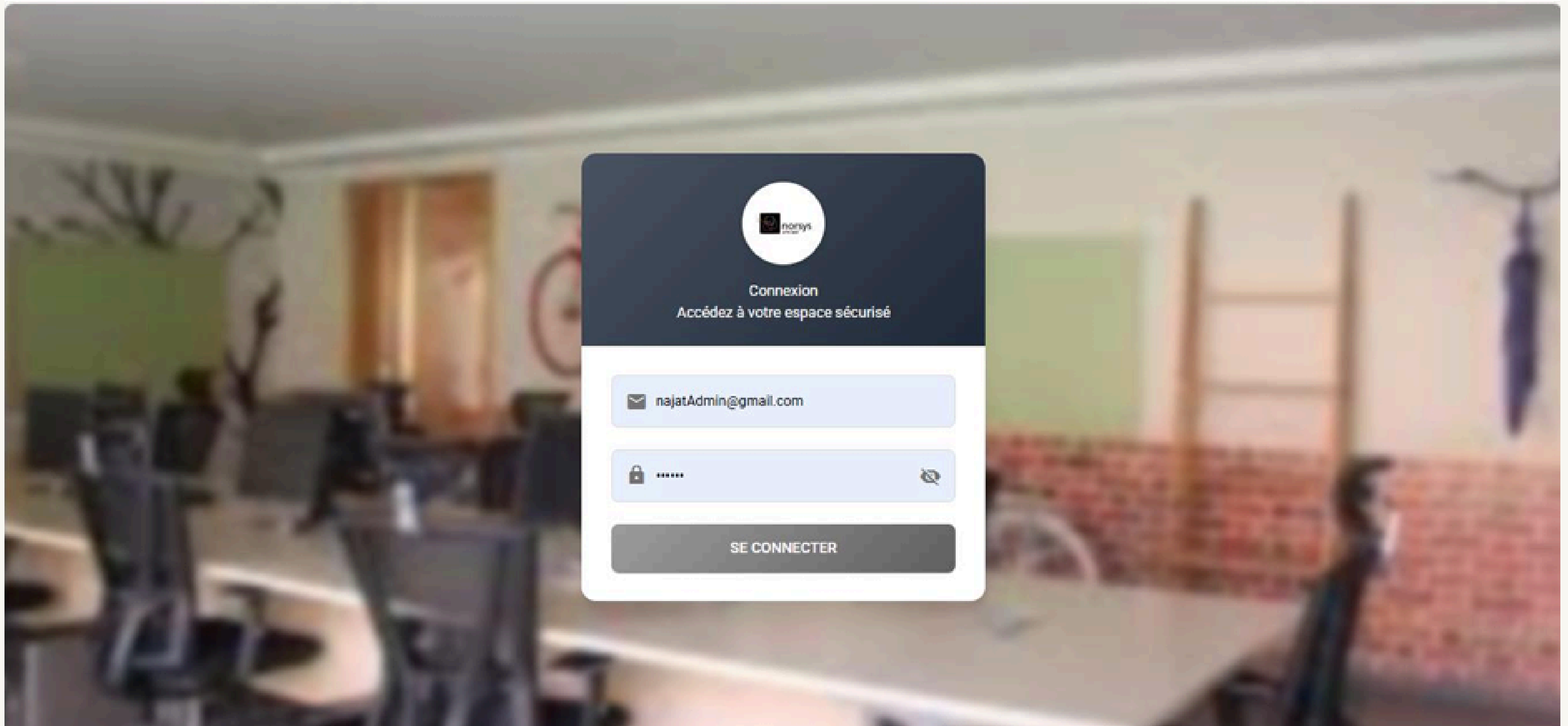
Usability

Tools

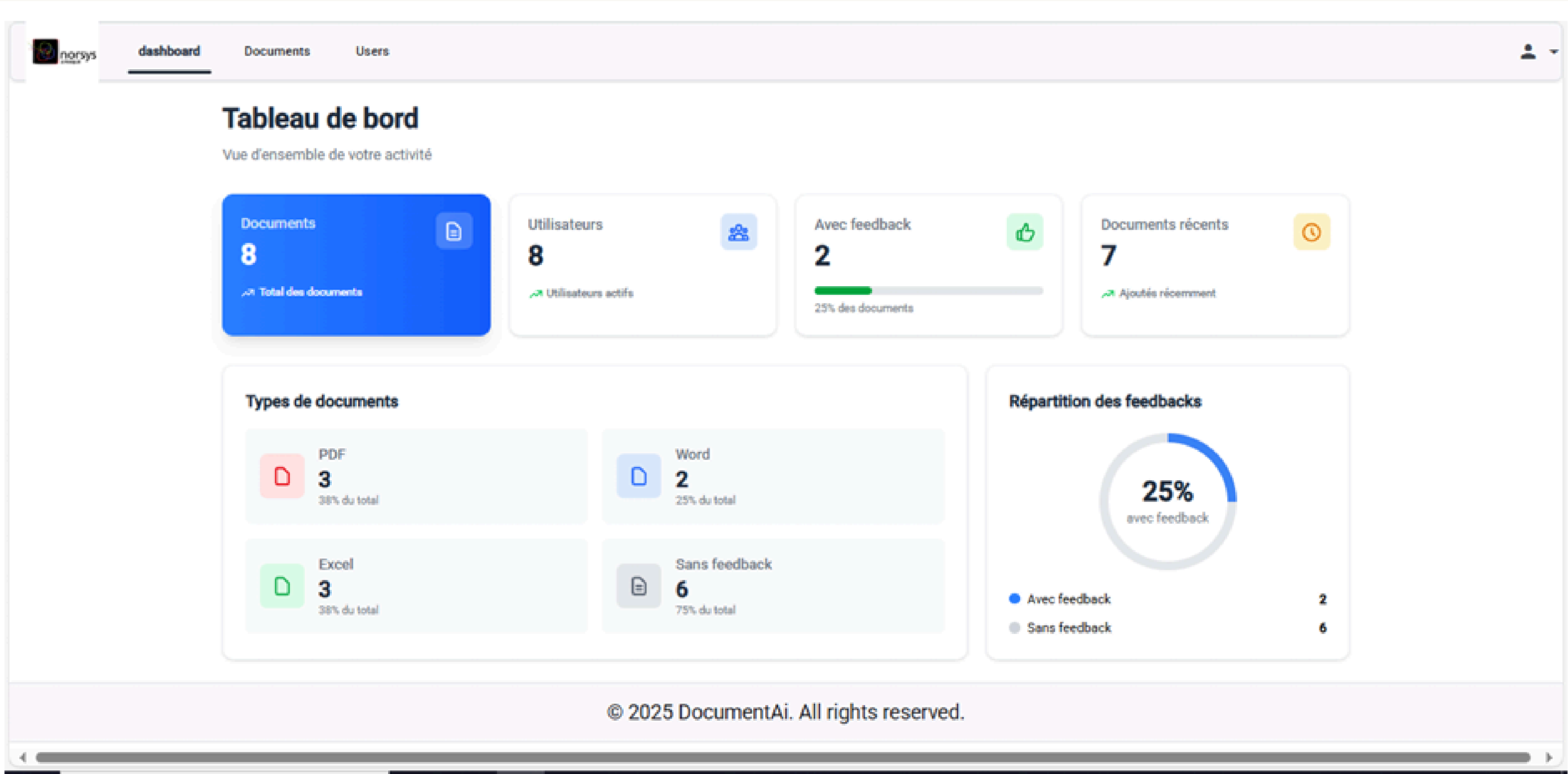


APPLICATION INTERFACES (UI DEMONSTRATION)

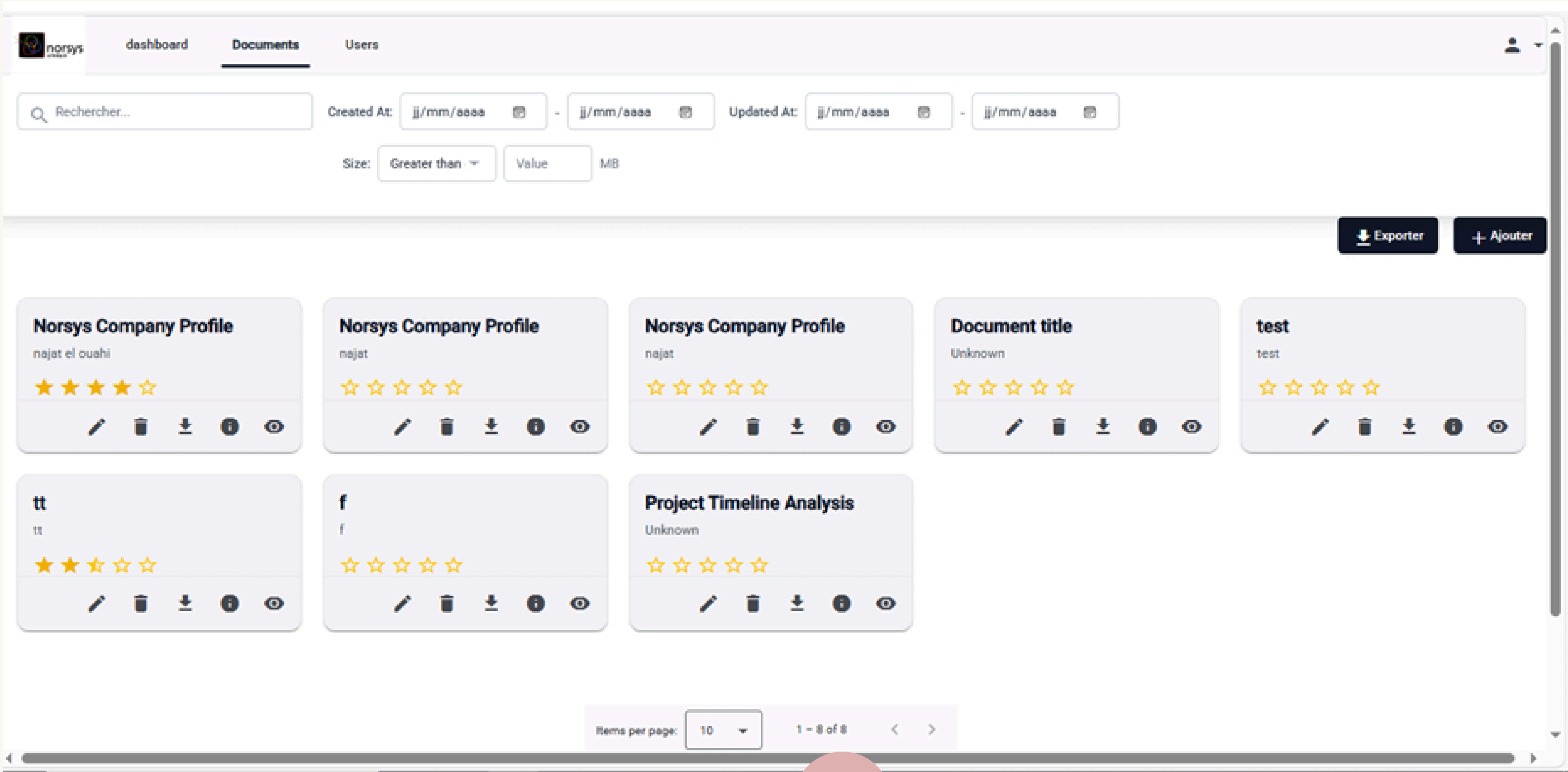
a. Authentication Interface



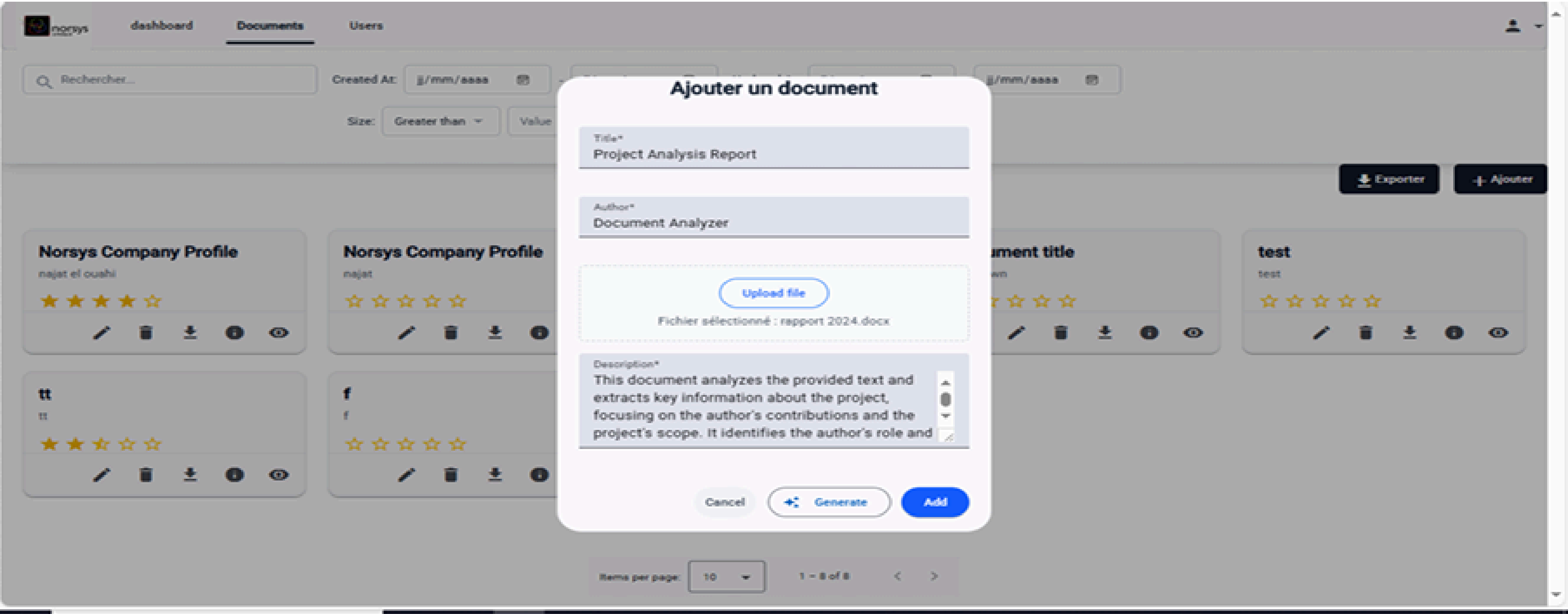
b. Dashboard Interface



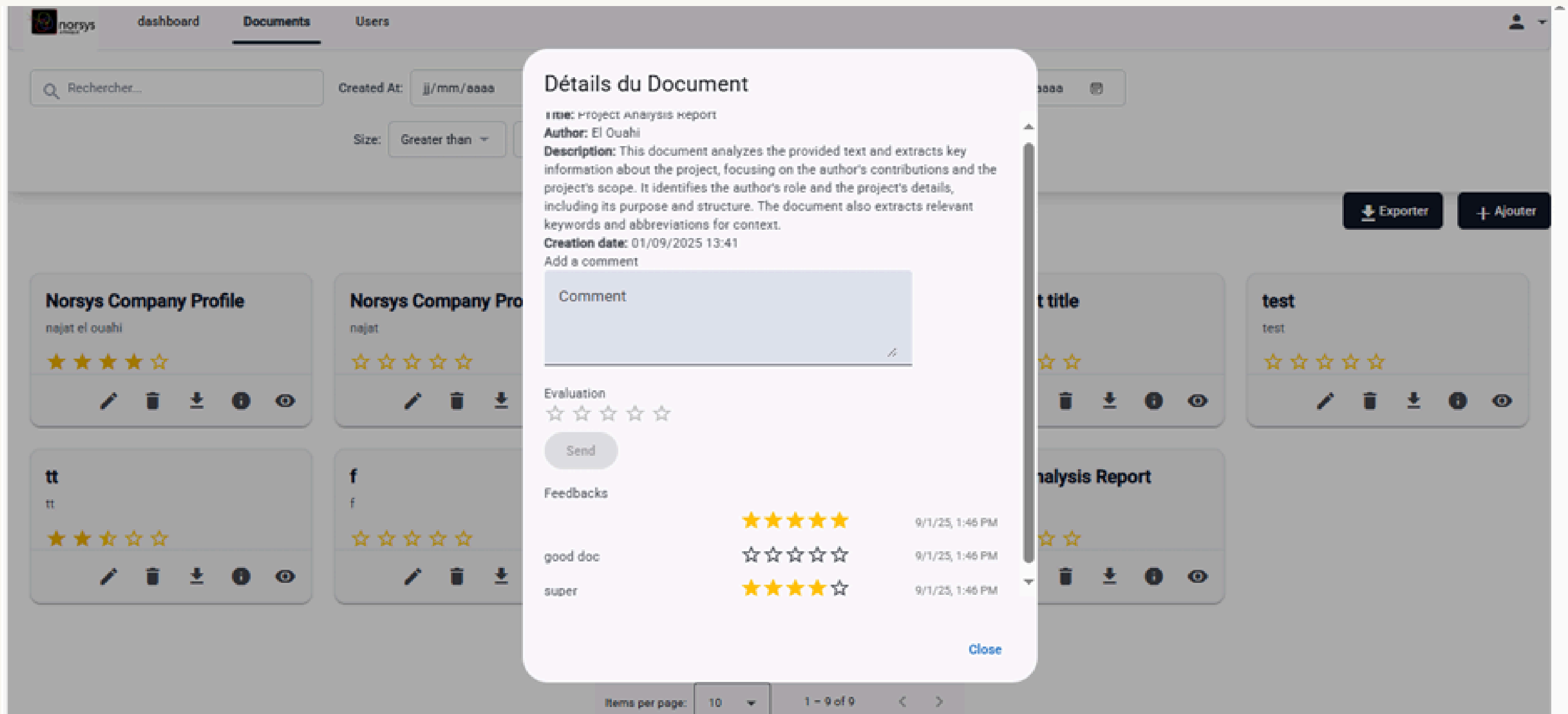
C-Document Interface with Pagination



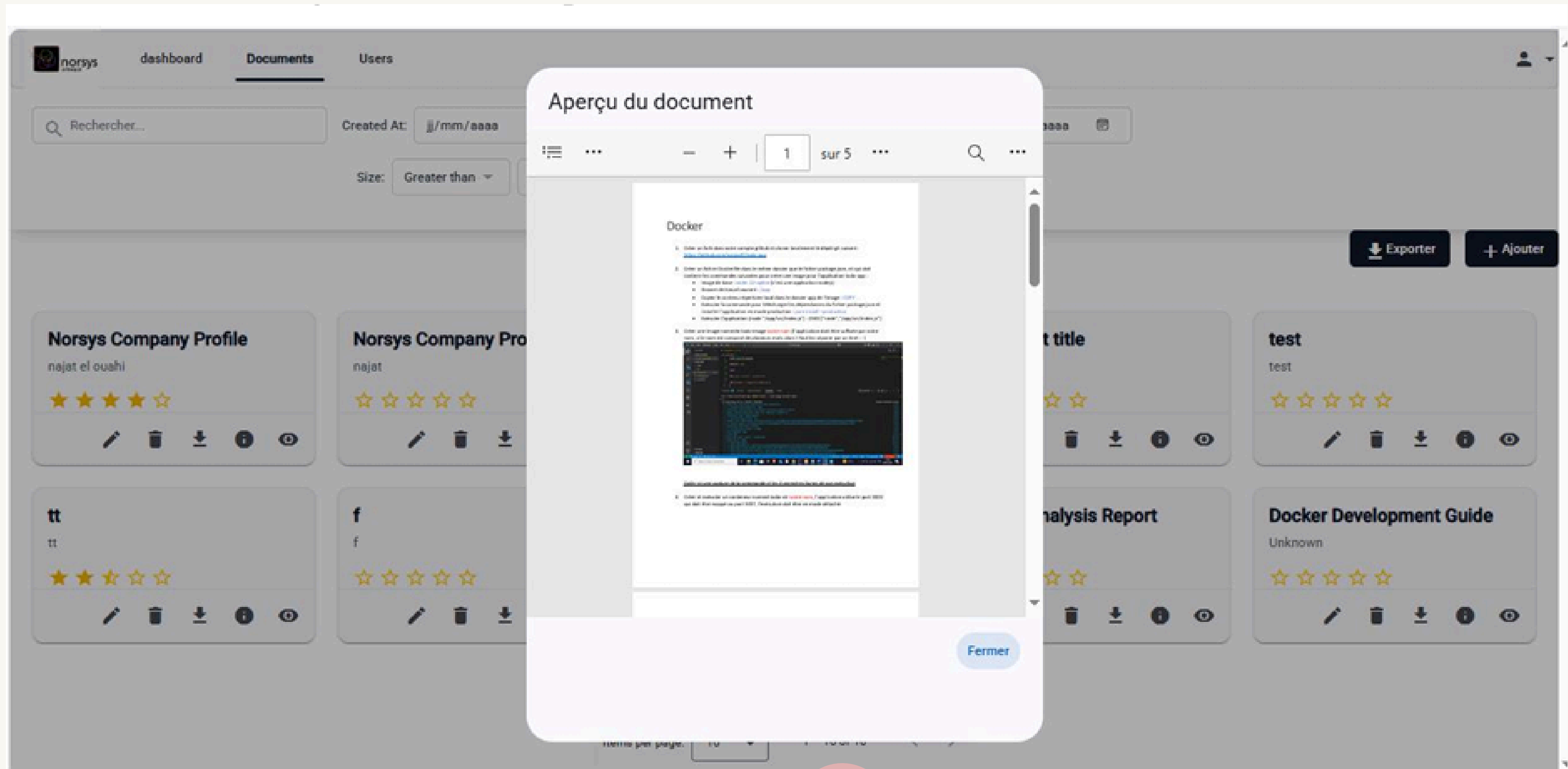
D-Document Interface with Pagination



E-Document Interface with Pagination




F-Document Viewing Interface



G-User Management Interface

localhost:4200/users



dashboardDocumentsUsers

Export

Add

List of Users

FIRST NAME	LAST NAME	EMAIL	ROLE	ACTIONS
nnnna	elouahi	nnnn@gmail.com	ADMIN	<div><div></div><div></div></div>
Najat	El Ouahi	admin@admin.com	ADMIN	<div><div></div><div></div></div>
Najat	El Ouahi	admin@gmail.com	ADMIN	<div><div></div><div></div></div>
Najat	El Ouahi	najatadmin@example.com	ADMIN	<div><div></div><div></div></div>
Najat	El Ouahi	najatuser@gmail.com	USER	<div><div></div><div></div></div>
Najat	El Ouahi	najatAdmin@gmail.com	ADMIN	<div><div></div><div></div></div>
test	test	test@gmail.com	USER	<div><div></div><div></div></div>
test	test	nn@gmail.com	USER	<div><div></div><div></div></div>

Items per page:

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CONCLUSION AND FUTURE PROSPECTS

- Multi-language Support
- Faster and Higher-Quality AI Model



Thank you for your
attention