Src/pages/Index.tsx

Import React, { useState } from ‘react’;Add commentMore actions

Import Header from ‘../components/Header’;

Import FileUpload from ‘../components/FileUpload’;

Import ChatInterface from ‘../components/ChatInterface’;

Import TeamCredits from ‘../components/TeamCredits’;

Export interface Message {

Id: string;

Text: string;

isUser: boolean;

timestamp: Date;

}

Export interface UploadedFile {

Name: string;

Size: number;

Preview: string;

}

Const Index = () => {

Const [messages, setMessages] = useState<Message[]>([]);

Const [uploadedFile, setUploadedFile] = useState<UploadedFile | null>(null);

Const [isProcessing, setIsProcessing] = useState(false);

Const [isDarkMode, setIsDarkMode] = useState(false);

Const handleFileUpload = (file: File) => {

setIsProcessing(true);

// Simulate file processing

setTimeout(() => {

setUploadedFile({

name: file.name,

size: file.size,

preview: “This PDF contains information about various topics. The chatbot has successfully processed the document and is ready to answer your questions based on its content.”

});

Const welcomeMessage: Message = {

Id: Date.now().toString(),

Text: `Hello! I’ve successfully processed “${file.name}”. I can now answer questions about its content. What would you like to know?`,

isUser: false,

timestamp: new Date()

};

setMessages([welcomeMessage]);

setIsProcessing(false);

}, 2000);

};

Const handleSendMessage = (text: string) => {

Const userMessage: Message = {

Id: Date.now().toString(),

Text,

isUser: true,

timestamp: new Date()

};

setMessages(prev => […prev, userMessage]);

setIsProcessing(true);

// Simulate chatbot response

setTimeout(() => {

const botMessage: Message = {

id: (Date.now() + 1).toString(),

text: `Based on the uploaded PDF “${uploadedFile?.name}”, here’s what I found: ${text.includes(‘summary’) ? ‘This document covers several key topics and concepts. The main themes include academic research, methodology, and practical applications.’ : ‘I can help you understand the specific content you\’re asking about. The document contains relevant information that addresses your query.’}`,

isUser: false,

timestamp: new Date()

};

setMessages(prev => […prev, botMessage]);

setIsProcessing(false);

}, 1500);

};

Const toggleDarkMode = () => {

setIsDarkMode(!isDarkMode);

};

Return (

<div className=”min-h-screen flex items-center justify-center bg-background”>

<div className=”text-center”>

<h1 className=”text-4xl font-bold mb-4”>Welcome to Your Blank App</h1>

<p className=”text-xl text-muted-foreground”>Start building your amazing project here!</p>

<div className={`min-h-screen transition-colors duration-300 ${isDarkMode ? ‘dark bg-gray-900’ : ‘bg-gradient-to-br from-blue-50 via-white to-indigo-50’}`}>

<div className=”min-h-screen flex flex-col”>

<Header isDarkMode={isDarkMode} toggleDarkMode={toggleDarkMode} />

<main className=”flex-1 container mx-auto px-4 py-8 max-w-7xl”>

<div className=”grid grid-cols-1 lg:grid-cols-2 gap-8 h-full”>

{/\* Left Section – File Upload \*/}

<div className=”space-y-6”>

<FileUpload

onFileUpload={handleFileUpload}

uploadedFile={uploadedFile}

isProcessing={isProcessing}

isDarkMode={isDarkMode}

/>

</div>

{/\* Right Section – Chat Interface \*/}

<div className=”flex flex-col h-full min-h-[600px]”>

<ChatInterface

Messages={messages}

onSendMessage={handleSendMessage}

isProcessing={isProcessing}

uploadedFile={uploadedFile}

isDarkMode={isDarkMode}

/>

</div>

</div>

</main>

<TeamCredits isDarkMode={isDarkMode} />

</div>

</div>

);

https://preview--pdf-sensei-chat.lovable.app/