ClaimBeaver User Guide

AI-powered Insurance Claim Resolution System
Version: 1.0
Date: April 2025

This is ClaimBeaver is a modern, AI-powered platform that simplifies and accelerates insurance claim processing using conversational workflows, intelligent document parsing, and a voice-enabled virtual assistant.

With built-in GenAI capabilities, ClaimBeaver processes uploaded claim documents, extracts relevant information, and provides interactive support to users through text and voice interfaces.

1. Sign In

- Visit the ClaimBeaver web app.

- Sign in or register using your email (powered by Supabase Auth).

2. Upload a Claim Document

- Navigate to the **"Upload Claim"** section at /claim
- Fill in the form.

3. Interact with the ClaimBot

- Use the chat interface to ask questions like:

  - "What is the claim amount?"

  - "What policy does this refer to?"

  - "Is this claim approved?"

4. Updating User details

- Currently you are not allowed to change the details please contact the admin.

💬 Example Interactions

- **Text Chat**

  "Summarize this claim." "What is the date of the incident?"

- **Voice**

  "Has the claim been approved?" "What's the contact number of the adjuster?"

🔐 Security Notes

- User data is securely stored using Supabase.

- Embeddings and documents are not shared with third parties.

- All API communication is encrypted.

🧑‍💻 For Developers

Requires: Node.js, Python, Supabase account, Pinecone API, Google Gemini API Key.

Run Locally:

```
# Frontend
cd frontend
npm install && npm run dev

# LLM Microservices
cd llm-services
```

npm install && npm run start

Environment Variables:

- `GOOGLE_API_KEY`

- `PINECONE_API_KEY`

- `SUPABASE_URL`

- `SUPABASE_SERVICE_ROLE_KEY`

📎 Troubleshooting

Issue	Solution
Embedding dimension mismatch	Ensure using Gemini model with 3072 dim
PDF not processed	Check server logs for OCR or embedding
Voice not responding	Ensure mic permissions & FastAPI server

📞 Contact

For support or questions:
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