

Quick Start Guide

1. Backend Setup (5 min)

```
cd "c:\Users\mubva\Downloads\janitor ai chat\multiplayer-ai-chat\backend"
copy .env.example .env
npm install
npm run dev
```

Expected: "Backend listening on :3001"

2. Frontend Setup (3 min)

```
cd "c:\Users\mubva\Downloads\janitor ai chat\multiplayer-ai-chat\frontend"
copy .env.example .env
npm install
npm run dev
```

Visit <http://localhost:5173>

3. Test Chat (2 min)

- Open 2 browser tabs → <http://localhost:5173>
- Send messages between tabs
- Type `@Nomi hello` to trigger AI response
- See AI stream tokens live
- Try reactions (👍 😊 ❤️)

4. Voice (Optional - 10 min)

Get LiveKit Credentials

1. Sign up at <https://cloud.livekit.io>
2. Create a project
3. Redeem promo: https://cloud.livekit.io/projects/p_/redeem → `LIVEKIT-CALHACKS`
4. Copy: URL, API Key, API Secret

Update Backend

Edit `backend\.env`:

```
LIVEKIT_URL=wss://your-project.livekit.cloud
LIVEKIT_API_KEY=APIxxx
```

```
LIVEKIT_API_SECRET=xxx
```

Restart backend: `npm run dev`


Start Voice Agent

```
cd "c:\Users\mubva\Downloads\janitor ai chat\multiplayer-ai-chat\voice-agent"
copy .env.example .env
# Edit .env with same LiveKit credentials + JLLM_AUTH=calhacks2047

# Install uv (Python package manager)
# Or use pip: pip install -e .

uv sync
uv run src/agent.py download-files
uv run src/agent.py dev
```

Test Voice

- Frontend → Click  Voice tab
- Allow microphone
- Speak "Hey Nomi!"
- AI responds with voice

Deploy (20 min)

Vercel (Frontend)

```
cd frontend
npm install -g vercel
vercel
```

Set env: `VITE_SOCKET_URL=https://YOUR-BACKEND.up.railway.app`

Railway (Backend)

```
cd backend
npm install -g @railway/cli
railway login
railway init
railway up
```

Set envs in Railway dashboard: `FRONTEND_ORIGIN`, `LIVEKIT_*`

LiveKit Cloud (Voice Agent)

```
cd voice-agent  
brew install livekit-cli # or: curl -sSL https://get.livekit.io/cli | bash  
lk cloud auth  
lk agent create
```

Done! 🐝