

S.U.E. - Full System Architecture & Installation Guide

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System Overview:

SUE is a locally hosted, modular AI assistant designed for advanced intelligence, seductive interaction, and full autonomy. She runs uncensored, includes live data indexing, truth detection, and memory modules, all with a professional voice and user interface.

Core Components:

1. Base Platform: Oobabooga Text Generation Web UI
2. Model: Mistral 7B (Uncensored) or CodeLLaMA (for development)
3. Persona Layer: 'sue_persona.json' (defines her voice, values, and interaction style)
4. Voice: ElevenLabs Integration
5. News Intelligence Module: RSS Feed Parser + Summarizer
6. Hallucination Detection Layer (coming soon)
7. Memory & Vector Index (planned)
8. Dashboard & Modular Execution Shell (planned)

Installation Instructions (Windows):

1. Install Python 3.10 or newer and Git for Windows.
2. Clone Oobabooga:

```
git clone https://github.com/oobabooga/text-generation-webui.git
```

```
cd text-generation-webui
```
3. Download and move Mistral 7B GGUF model into the models/YourModelName/ folder.
4. Run Setup:

```
python -m venv venv
```

```
venv\Scripts\activate
```

```
pip install -r requirements.txt
```

5. Launch with Model:

```
python server.py --model YourModelName --chat
```

6. Install Sue Base:

- Run 'sue_base_installer.py'
- This sets up sue_core/, dependencies, and RSS module

7. Load Sue Persona:

- Import sue_persona.json into the character UI or inject into system prompt

8. Enable Voice:

- Use ElevenLabs
- Add TTS extension to Oobabooga and set API Key in config.json

9. Run RSS Module:

```
python sue_core/sue_modules/sue_rss_feed_parser.py
```

10. Future Expansion:

- Add vector memory, hallucination checker, self-training, dashboard

Sue is now operational, evolving, and tracking live intel.

Signed:

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