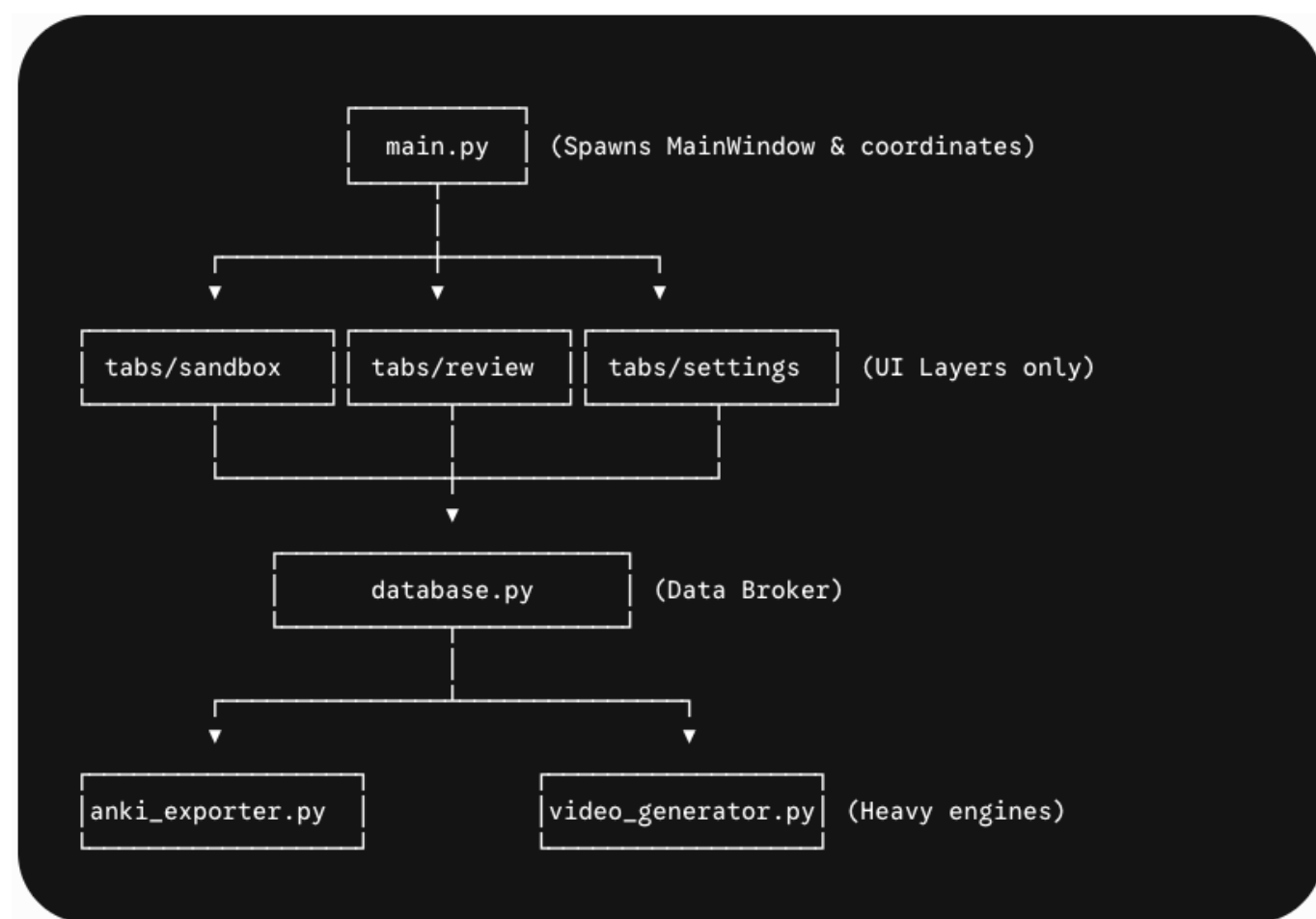


Create Branch for refactoring

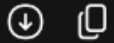
git switch -c refactor/simplified-schema-modules

new Architecture



Proposed new structure

Plaintext



```
my_app/
├── main.py           # App entry point & MainWindow
├── database.py       # SQLite3 database connection & CRUD functions
├── video_generator.py # MP4 generation logic (MoviePy, OpenCV, etc.)
├── anki_exporter.py  # Anki deck generation logic (Genanki)
├── tabs/             # UI Components only
│   ├── __init__.py
│   ├── sandbox_tab.py # Interacts with database.py (CRUD)
│   ├── review_tab.py  # Core flashcard UI
│   └── settings_tab.py # App settings & Trigger buttons for Anki/Video
```

Starting refactoring

How to start using uv

(139_spanish-voice-trainer) stephenlohning@Scotty 139_spanish-voice-trainer % uv run main.py

To trim non-relevant files from your directory tree (such as build artifacts, cache files, and non-source assets), you can configure flags for the **tree** command itself or use git-based filtering.

Tree Command Options

- **-I pattern (Ignore matching patterns)**: Exclude build directories, caches, virtual environments, binaries, and temporary files.
- **-d (Directories only)**: Show only directory structures if file-level detail is unnecessary.
- **-L level (Limit depth)**: Limit how deep **tree** traverses (e.g., **-L 2** or **-L 3**) to prevent showing deep PyInstaller distribution bundles like **dist/** or **build/**.
- **--gitignore**: Automatically respects your **.gitignore** rules (supported in modern **tree** versions).

Recommended Command Patterns

1. Ignore standard build & cache artifacts

```
tree -I
"__pycache__|*.pyc|build|dist|*.app|*.iconset|*.png|*.pdf|*.jpg|database_legacy"
```

2. Combine pattern filtering with limited depth

```
tree -L 2 -I "__pycache__|build|dist|database_legacy"
```

3. Use `.gitignore` directly If you already have build outputs, images, and backups ignored in `.gitignore`:

```
tree --gitignore
```

Summary of Files/Folders to Exclude

- **Build & Bundle Outputs:** `build/`, `dist/`, `main.app`
- **Python Caches:** `__pycache__/`, `*.pyc`
- **Static / Temp Media:** `*.png`, `*.jpg`, `*.pdf`, `app_icon.iconset/`
- **Legacy / Backups:** `database_legacy/` (containing database backups like `*.db`)