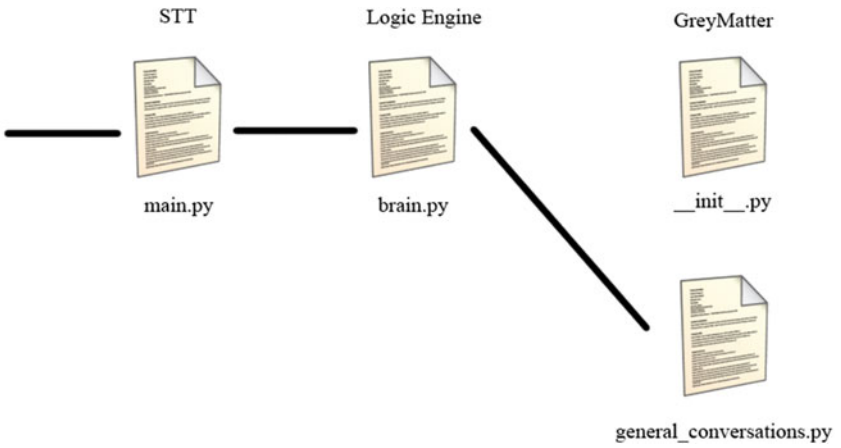

Figure 3-1. *Logic engine design*

Making Melissa Responsive

Let's get to the task of making Melissa responsive, so that she can respond to questions. This requires you to compare the `speech_text` variable to a predefined string.

First, create the `general_conversations.py` file in the `GreyMatter` folder, and program it as follows:

```
from SenseCells.tts import tts

def who_are_you():
    message = 'I am Melissa, your lovely personal assistant.'
    tts(message)

def undefined():
    tts('I dont know what that means!')
```

Let's go through the code. In the first statement, you import the `tts` function from the `SenseCells.tts` package. You then write an elementary function, `who_are_you()`, in which a reply string is assigned to the variable `message`. This message is then spoken by the `tts` function. The `undefined()` function is called whenever the brain cannot find a match; it's called from the final `else` statement.

For now, let's keep `general_conversations.py` short for the sake of illustration. Later, you revisit this file to add features to it and improve the code.

It's time to design the `brain` function in the `brain.py` file:

```
from GreyMatter import general_conversations

def brain(name, speech_text):
    def check_message(check):
```