

1 Technical Solution

1.1 File Tree Diagram

To help navigate through the source code, I have included the following directory tree diagram, and put appropriate comments to explain the general purpose of code contained within specific directories and Python files.

```
.
├── resources
├── data
│   ├── database/
│   │   ├── migrations/
│   │   └── database.db
│   ├── shaders/
│   │   ├── classes/
│   │   ├── fragments/
│   │   └── vertex/
│   ├── widgets/
│   │   ├── bases/
│   │   └── ...
│   ├── app_data/
│   ├── states/
│   ├── components/
│   ├── managers/
│   ├── utils/
│   ├── main.py
│   ├── setup.py
│   ├── assets.py
│   ├── control.py
│   ├── constants.py
│   ├── windows_setup.py
│   └── loadin_screen.py
```