

■■■■■: backend

**[REDACTED]**

6 of 6

```

■■■■ backend/
■■■■ DEVELOPER_GUIDE.md
■■■■ DEVELOPER_GUIDE.pdf
■■■■ USER_MANUAL.md
■■■■ USER_MANUAL.pdf
■■■■ backend.log
■■■■ backend_project_summary.md
■■■■ backend_project_summary.pdf
■■■■ main.py

```

**□ □ □ □ □ □ □ □**

```
graph TD;
    main_py --> os;
    main_py --> markdown;
    main_py --> ast;
    main_py --> pydantic;
    main_py --> xhtml2pdf;
    main_py --> fastapi;
    style markdown fill:#f9f,stroke:#333,stroke-width:2px
    style xhtml2pdf fill:#f9f,stroke:#333,stroke-width:2px
    style fastapi fill:#f9f,stroke:#333,stroke-width:2px
    style os fill:#f9f,stroke:#333,stroke-width:2px
    style pydantic fill:#f9f,stroke:#333,stroke-width:2px
    style ast fill:#f9f,stroke:#333,stroke-width:2px
    style main_py fill:#f9f,stroke:#333,stroke-width:2px
```

4444

Python Markdown Mermaid

□□□□□:

- **Python** **Python**
- **Mermaid** **Mermaid**
- **Web** **Web**

□ □ □ □ □ □ :

- ■■■■■■: Python (FastAPI)
- ■■■■■■: React.js
- ■■■■: Mermaid.js

**XX**