

DASHBOARD/

```
|
|
| └─ .vscode/
|
|
| └─ backend/
|   |
|   | └─ app/
|   |   |
|   |   | └─ __init__.py
|   |   | └─ config.py
|   |   | └─ extensions.py
|   |   |
|   |   | └─ models/
|   |   |   └─ user.py
|   |   |
|   |   | └─ routes/
|   |   |   └─ auth.py
|   |   |   └─ health.py
|   |   |   └─ telemetry.py
|   |   |
|   |   | └─ services/
|   |   |   └─ __init__.py
|   |   |   └─ db_service.py
|   |   |   └─ opcua_data_provider.py  NEW (replaces dummy)
|   |   |   └─ opcua_buffers.py      NEW
|   |   |
|   |   | └─ sockets/
|   |   |   └─ __init__.py
|   |   |   └─ telemetry_socket.py
|   |   |
|   |   | └─ __pycache__/
|   |
|   |
|   └─ instance/
|       └─ blownfilm.db          ( SQLite DB )
```

```
| |
| |─ run.py          UPDATED (starts tasks)
| |─ requirement.txt
| |─ telemetry.db    (optional)
|
|─ frontend/
| |
| |─ node_modules/
| |
| |─ public/
| | |─ back-arrow.png
| | |─ back-button.jpg
| | |─ bg.mp4
| | |─ notification.png
| | |─ power-button.png
| | |─ rajoo_logo.png
| | |─ user-icon.png
| | |─ vite.svg
| |
| |─ src/
| | |─ assets/
| | |─ components/
| | |─ router/
| | | |─ index.js
| | | |─ navigation.js
| | |
| | |─ services/
| | | |─ api.js
| | | |─ auth.js
| | | |─ sockets.js
| | |
| | |─ views/
| | | |─ dashboard_main.vue
| | | |─ Dashboard.vue
```

```
| | | └─ Extruder1.vue
| | | └─ Extruder2.vue
| | | └─ Extruder3.vue
| | | └─ Layer1.vue
| | | └─ Layer2.vue
| | | └─ Layer3.vue
| | | └─ Login.vue
| | | └─ MaterialUtilization.vue
| | | └─ Reports.vue
| | | └─ Winder1.vue
| | | └─ Winder2.vue
| | |
| | └─ App.vue
| | └─ main.js
| | └─ style.css
| |
| └─ index.html
| └─ package.json
| └─ package-lock.json
| └─ README.md
|
└─ README.md
```