

```
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
```