# System Architecture

**Login:** Both patient and doctor users are directed to a login system. For login, the system checks their credentials from the cloud-based backend. After successful login, a JWT (JSON Web Token) is generated. This token helps with role-based access control.

**Role based dashboard:** Based on the type of user, a specified dashboard is assigned. The system ensures the right data is available depending on the user's role.

**Patient's dashboard:** They can view their information, past medical history and prescriptions.

**Doctor's dashboard:** They can view their own information. They are given access to view and update any patient's data. Additional authentication by the patient will be required for accessing and managing their data.

When any action will be performed, it goes as a request to the backend system. The backend will process the request and sends a response back to the user.