**DESIGN DECISIONS**

We are proposing a new system DOCVER based on a Permissioned Private Blockchain for certificate registration and verification. This system is built using these technologies:

1. NodeJS
2. Angular v7.0
3. Rest API web service
4. Docker Infrastructure
5. Hyperledger Sawtooth v1.0

Here in this system is composed of simple web app consist of different pages. They are

Login page: A registered validator can get into the system through this login page. A register option is available for a new validator.By giving department name and office id, a new file is created and the validator is registered. A registered validator can login into the system by giving department name, office id and select the file which is created at the time of registration.

Docklist page: Validator can view a list of documents such as birth/death certificate and can use different features available they are Generate, Search and Verify. Generate option is used for create a new document. Search option helps to find already existed document. Verify option serves a feature to verify the authenticity of the document.