**IMPLEMENTATION:**

**MODULES:**

* Doctor.
* Patient.
* Admin
* Machine learning

**MODULES DESCRIPTION:**

**Doctor:**

The Doctor can register the first. While registering he required a valid doctor email and mobile for further communications. Once the doctor registers, then the admin can activate the customer. Once the admin activates the customer then the customer can login into our system. After login he can see the view-patient data. based on patient symptoms, the doctor will give the precautions and he will give the

doctor treatment.

**Patient**:

The Doctor can register the first. While registering he required a valid patient email and mobile for further communications. Once the patient registers, then the admin can activate the patient. Once the admin activates the patient then the patient can login into our system. After login he can provide symptoms. based on patient symptoms, the doctor will give the precautions and he will give the

doctor treatment.

**Admin:**

Admin can login with his credentials. Once he logs in he can activate the doctors. The activated user only login in our applications. Once he logs in he can activate the patients. . The admin can add new data to the dataset. So this data user can perform the testing process.admin can get predictions svm algorithm and also get the prediction from the decision tree.

**Machine learning:**

Machine learning refers to the computer’s acquisition of a kind of ability to make predictive judgments and make the best decisions by analyzing and learning a large number of existing data. The representation algorithms include deep learning, artificial neural networks, decision trees, enhancement algorithms and so on. The key way for computers to acquire artificial intelligence is machine learning. Nowadays, machine learning plays an important role in various fields of artificial intelligence. Whether in aspects of internet search, biometric identification, auto driving, Mars robot, or in American presidential election, military decision assistants and so on, basically, as long as there is a need for data analysis, machine learning can be used to play a role**.**