Project Name: Legal Tech

Description: The law firm dig out lot of data to prepare a case paper. The legal black books are available online in India, but the lot of data is collected by law firms in form of paper documents in form of legal docs as well as their own notes. It takes a lot of time and efforts to create the case paper. Also, since analytics is not used, predicting the outcome of the case becomes a challenge.

# Epic 1: Robo Lawyer

Preparing for the case include collecting all relevant material. The data is scattered in form the black books, the legal documents / notes owned by the law firm.

When a client approaches a law firm with the case, the firm assigns a lawyer to assist the client to get details on what is the problem and is there a law which can help. After the lawyer asses the situation, they would start collecting relevant material and get back to the client with the approach and estimation. The system should automate gathering the relevant info and considerably reduce the time to get back to client and also increase the breadth and accuracy of the material.

Once the case paper draft is ready to be validated by senior lawyer and then by end customer, there should be some way to predict the case out come. This would give methodical way to further finetune the case paper, decide the strategy and also help in increasing profitability of the law firm.

Assumptions

1. For the scope of this project we would assume that the all data is available in digital form and available online on the websites and privately held in form of docs in cloud.

## Feature 1: Case Paper Generation

### User story: Automated Case Paper

Find out

1. all the links/docs related to the key words supplied by lawyer
2. tokenization the keywords and create a summary doc
3. add meaning based, knowledge linking to further enhance to case paper

There should be a incremental way to refine the outcome. Also, should generate appropriate graphs to represent the outcome of the automated case paper building. Some time it may help to just get high level ref list quickly, otherwise it may need very sophisticated summary (which may take more time and also need better inputs)

The system should learn from the past queries as these are repetitive domain centric searches. The natural language interface is desirable. But to begin with, the system should have interface to input queries / key words.

## Feature 2: Case Prediction

### User story: Case Predict

Find out

1. what is the probability of case moving in conclusion state, depends on similar historic cases
2. correlation with any historic quantitative data, e.g. time taken, number of artifacts, fees charged
3. if the system find the case would tough in taking to favorable conclusion, how to support that result

The report is expected in quantitative as well some highlevel summary from similar cases

**Techniques/Algorithms to be used**: Decision trees and Artificial intelligence based

**Historical data**: Indian Bare acts and past supreme court and high courts judgements

# Epic 2: Digital Lawyer

## Feature 1: Management Console

### User story 1: Consumer Protection

## Feature 2: Agreement templates

### User story 1: Consumer Protection