



## Sri Lanka Institute of Information Technology

### Project Topic Assessment – 2017

#### Research Problem:

So far, there's no any specific legal assistant software to help people in determining what to do, what is the legal procedure to follow when they face a situation involves law. Legal assistant spreads over a wide span, so most of the time people are unaware if actually there're laws that have been enforced in certain situations. People come to wrong judgements/conclusions based on misleading info they have seen/heard from various people. If there was one source, people could easily access and get their required legal info for any legal issues they face, that would save most of peoples' time, effort and avoid them from following wrong procedure. And that would be a great help even for the tourists to acknowledge about the different laws enforced in another country beforehand.

#### Research Area:

Natural Language Processing

**Solution proposed:**

We are going to make an application that helps people in viewing/retrieving /sharing/ reviewing the required legal information. People should be able to get an understanding on the legal procedure they should follow for any kind of legal issues they encounter even for general day today problems. For example, meet with a road accident, apply for the passport, misplace the NIC etc. People can submit their questions through voice / text to the application and in return application will provide them with the all the legal solutions possible and if application needs any clarification from the user, it will ask questions to clarify. This will work as a chatbot. And also, if people have allowed accessing their location from the mobile phone, application will give directions / information to required nearby locations. We provide people with an online forum for them to ask their questions, get other peoples' different answers, share information and rate the answers.

**Technologies to be used:**

Natural Language Toolkit( English written in the Python programming language)

**Team Members:**

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Acceptable: YES/NO

Changes proposed:

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Any other Comments:

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Approved by CDAP Group:

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