



**Department of Electrical and Computer Engineering
North South University**

Senior Design Project

AI LAW SEARCHER

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Faculty Advisor:

DR. NABEEL MOHAMMED

Assistant Professor

ECE Department

Spring, 2023

LETTER OF TRANSMITTAL

June, 2023

To

Dr. Rajesh Palit
Chairman,
Department of Electrical and Computer Engineering
North South University, Dhaka

Subject: **Submission of Capstone Project Report on “AI Law Searcher”**

Dear Sir,

With due respect, we would like to submit our **Capstone Project Report** on “**AI Law Searcher**” as a part of our BSc program. The report deals with Multi Level Based Home Security System. This project was very much valuable to us as it helped us gain experience from practical field and apply in real life. We tried to the maximum competence to meet all the dimensions required from this report.

We will be highly obliged if you kindly receive this report and provide your valuable judgment. It would be our immense pleasure if you find this report useful and informative to have an apparent perspective on the issue.

Sincerely Yours,

.....
Arafat Rahman
ECE Department
North South University, Bangladesh

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Tasnim Hossain
ECE Department
North South University, Bangladesh

.....
Mizanur Rahman
ECE Department
North South University, Bangladesh

.....
Tasnim Jannat
ECE Department
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APPROVAL

Arafat Rahman (1911747042), Tasnim Hossain (1912128042), Mizanur Rahman (1912836042) and Tasnim Jannat (1912110042) from Electrical and Computer Engineering Department of North South University, have worked on the Senior Design Project titled “AI Law Searcher” under the supervision of Dr. Nabeel Mohammed partial fulfillment of the requirement for the degree of Bachelors of Science in Engineering and has been accepted as satisfactory.

Supervisor’s Signature

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Dr. Nabeel Mohammed

Assistant Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

Chairman’s Signature

.....

Dr. Rajesh Palit

Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

DECLARATION

This is to declare that this project is our original work. No part of this work has been submitted elsewhere partially or fully for the award of any other degree or diploma. All project-related information will remain confidential and shall not be disclosed without the formal consent of the project supervisor. Relevant previous works presented in this report have been properly acknowledged and cited. The plagiarism policy, as stated by the supervisor, has been maintained.

Students' names & Signatures

1. Arafat Rahman

2. Tasnim Hossain

3. Mizanur Rahman

4. Tasnim Jannat

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ABSTRACT

AI Law Searcher

It is critical for a society to have access to timely legal information to have justice. Accessing legal precedents and rulings has become simpler for judges because to the availability of online law reports. A web application is made for Judges and lawyers so that they can easily find out every law and section within a minute from Dhaka law Report. Each Judicial ruling of Dhaka Law Report has hundreds of pages of cases, judicial references, constitutions, and judge-made laws. Because it contains many rules and laws, it is frequently difficult to navigate and takes a long time to trace a specific section in the law book. Furthermore, because the books are heavy in general, they are difficult to carry all the time. As a result, one approach is to digitize the Dhaka Law Report volumes, thus providing a search engine through which a user may search for their preferred portion or legislation.