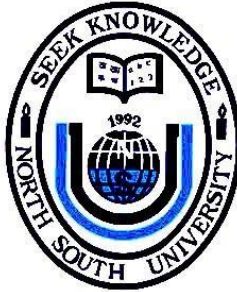


Department of Electrical and Computer Engineering
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Senior Design Project

AI BASED RECOMMENDATION SYSTEM

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Spring,2021

DECLARATION

This is to declare that no part of this report or the project has been previously submitted elsewhere for the fulfillment of any other degree or program. Proper acknowledgement has been provided for any material that has been taken from previously published sources in the bibliography section of this report.

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APPROVAL

We take great pleasure in submitting our senior design project report on “AI based Recommendation System”. This report is prepared as a requirement of the Capstone Design Project CSE 499 A & B which is a two semester long senior design course. We would like to request you to accept this report as a partial fulfillment of Bachelor of Science degree under Electrical and the Computer Engineering Department of North South University.

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ABSTRACT

In this report, we have represented a design of a recommendation system that will use different types of algorithms to recommend a teacher to a student. Our recommendation engine is going to take some data set from online or our own database and it will shuffle the data and suggest a student to his/her recomdent teacher.In this way a student can find a suitable teacher according to his choice.The recommendation system will use different types of algorithm that we are going to discuss in our upcoming chapters.Those algorithms will help us to shuffling the data or managing the data in different platform.The data set we are going to use are from given output or we collected them from online.based on the data set people will rate some teachers and by using the rating the student can find their suitable teacher.Our algorithm will work dynamically.That means anytime a user input his or her profile or anytime a student give rating to a teacher it will update our data set manually.We don't need to update our data set by our own.So in this way we can find a user friendly application that will respond within some second. A teacher and A student who r going to use our application they have to agree some terms and conditions so that we can verify our real and best teachers.Our application will also show the teacher and student profile according to a region.So that a teacher and a student don't need to go outside their region for any tuition purpose.Thats why the time management will be easier and a student and a teacher can easily find a teacher/student within their region.So,we have developed our application in that way so our application can become a very user friendly and the market rate will be higher in thisapplication.