

**Senior Design Project Report**  
**CSE/EEE/ETE 499**

SHIKHAA LEARNING MANAGEMENT



**Supervisor**

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**ELECTRICAL AND COMPUTER ENGINEERING**  
**NORTH SOUTH UNIVERSITY**

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## Agreement Form

We take great pleasure in submitting our senior design project report on **“SHIKHAA LEARNING MANAGEMENT”**. This report is prepared as a requirement of the Capstone Design Project CSE/EEE/ETE 499 A & B which is a two semester long senior design course. This course involves multidisciplinary teams of students who build and test custom designed systems, components or engineering processes. We would like to request you to accept this report as a partial fulfillment of Bachelor of Science degree under Electrical and Computer Engineering Department of North South University.

### Declared By:

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# **SHIKHAA LEARNING MANAGEMENT**

## **ABOUT**

This project is made through the help of many people who include parents, family, friends, and lectures. Especially, In particular, please allow us to thank the following important advisors and contributions.

First and foremost, we thank our supervisor Mr. Syed Athar Bin Amir who gave us good advice and showed us the right path through pushing us into the next level during the process of developing the system. In the beginning, another team also made the same project proposal, but Our supervisor, Mr. Syed Athar Bin Amir, believes that we have enough capacity to carry out the project He keeps faith in us.

If our mothers, fathers, brothers and sisters are excluded, with the grace of Allah, this recognition will be incomplete. They continue to encourage us to overcome all difficulties. we deeply cherish their love and we are indebted to them.

We would also like to thank our good friends and brothers who helped us put forward their ideas as users. We are very grateful for everything they have done for us.

Finally, we would like to express our deep gratitude, respect and love to everyone who provided us with moral support and continuous encouragement throughout the entire project formulation process.

## **Abstract**

Learning management systems (LMS) can be defined as a suite of services designed to deliver, track, report on and administer learning content, student progress and student interactions typically, an LMS provides an instructor with a way to create and deliver content, monitor student participation, and assess student performance. It integrates a range of functions for teaching and learning activities. LMS makes the interaction between learner-instructor and learner-learner more convenient. It provides a platform on the web, and a lot of pedagogical activities can be performed on it .Nowadays most educational institutions adopt LMS via the used of open sources such as Bux, Google classroom,, MEET, Zoom ets learning and assessment activities in a specific learning environment . LMS provides a variety of tools such as a blog, chat, my courses, class time, class work, my profile, attendance, notification, advising, resources etc. Faculties can also use these kind of facilities .Learners can use these features to facilitate their communication and collaborative work in this learning environment.