

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

**Android Health monitoring App MEDCHCK**



**Submitted By:**

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**Supervisor**

**Dr. Shazzad Hosain-SZZ**

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**ELECTRICAL AND COMPUTER ENGINEERING**

**NORTH SOUTH UNIVERSITY**

**Summer'2020**

# **DECLARATION**

This is to clarify that this report is our own work. No part of this work has been submitted elsewhere partially or fully for the award of any other degree or diploma. Any material reproduced in this project has been properly acknowledged.

## Students' name & Signature

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# Approval

We take great pleasure in submitting our senior design project report on “Android Health monitoring App MEDCHCK”. 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.

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# **ABSTRACT**

This report explores the development of mobile healthcare application and big data analytics of market research. In addition to embracing cloud computing in healthcare, the inspiration and advancement of mobile application related healthcare technologies systems and market research are discussed. This defines health condition that can be very helpful for any aged people most important women and old age people become more benefited from this healthcare applications. Mobile healthcare methods, tools and applications are reviewed here.