

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



**Senior Design Project**

**PROJECT NAME: Covid-19 Grocery E-Commerce Shop**

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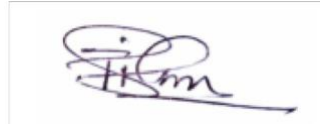
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## DECLARATION

This is to certify 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. Any material reproduced in this project has been properly acknowledged. Students' names & Signatures.

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## Approval

The Senior Design Project entitle “**Covid 19 Grocery E-commerce shop**” by MD. Tarequl Islam Sarker, MD.Rashedul Islam and Fazla Rabbi Sajid has been accepted as satisfactory and approved for partial fulfillment of the requirement of BS in CSE/EEE degree program.



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**Supervisor’s Signature**

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We would like to thank everybody who supported us and provided with guidance for the completion of this research.

## **Development of E-Commerce Based Application for Covid-19 Pandemic**

### **ABSTRACT**

A grocery shop is a retailing shop where a general range freshly packed food products are available. On a everyday life people have to use a grocery shop to get their livelihood items. To buy the necessary products people visit a grocery shop , collect the products from different shelves then pay for the item and proceed. But many times this process does not seem very convenient . People nowadays are very busy. In their busy schedule they always forget to make time for grocery shopping. Some people try to avoid it because of traffic jam, just to avoid gathering of people. Moreover, in this global pandemic it can turned into a life thread for a person or family as well as a nation. Considering all the issues and reasons behind the issues we think online grocery store can be the best solution of all the problems. This paper represents the development of web based online grocery store where people can do shopping using a computer or a smart phone sitting at their home very easily. Though online shopping has been known as a rapidly growing business, and although online grocery shopping has not followed these same growth patterns in the past, it is now being recognized for its potential. There will be a admin panel and a user panel.

Users have to use a Gmail to log in and create an account to do shopping. Admins always use their Gmail to maintain the product availability, the website, the customers and more. This system can make people life very easy and time saving.