North South University

Department of Electrical & Computer Engineering

Project Proposal

Fall 2020

Project Name: Chess Station (Online Chess Store)

Course Title: CSE 299 (Junior Design)

Section: 2

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INTRODUCTION

There are so many people (other than the PROs) in Bangladesh specially in Dhaka city who loves to play chess regularly or every now and then. So many are this much passionate about this game that even they would want to buy things and accessories that are all about chess. For example, chess books, chess clocks, chess bags, chess T-shirts and of course along with various types and designs of chess boards and chess pieces.

The primary goal is to create an eCommerce platform where chess freaks can order and buy their desired products online from any place in our country. Customers have to signup and login before ordering any product. Chess Station will be all about chess. In this station, customer can find everything about chess. A true chess lover will always get excited about this station. Every section of this station is full of chess stuff.

Chess Station will be an eCommerce website built with latest technologies.

FEATURES

- ➢ Simple signup process using personal email account.
- ➢ Customizable profile- customers can update their basic and contact information.
- ➢ Customer can see their shopping and transaction history and details in profile section.
- ➢ A customer can search the products using product names in the search bar.
- ➢ Chess Station website will have an admin panel where the admin(s) will have the full power over the whole system. This includes edit the status of an order and delete an order, create a product (having edit and delete options).
- ➢ There will be a dashboard section where admin can see the information of whole system.

TECHNOLOGY

Chess Station will be using latest technologies for a user-friendly website.

Frontend: The frontend will be built using HTML, CSS, JavaScript.

Backend: The backend will be built using PHP.

Database: MySQL.

Payment Method: Online payment and cash on delivery. Might use bKash payment gateway.

SOCIAL IMPACT

Specially at this COVID-19 pandemic situation, people from all over the country can order chess products from their home just by clicking through some pages. So that they don't have to go to sport markets where people gather. They'll have the product safely delivered at their doorstep. Also, other than COVID-19 situation, all the professional chess players can have quality imported products easily and faster than

before. Young promising chess players can grow and encourage others to use the website and know more about chess in an easy way.

MONETIZATION

Chess Station will be selling imported chess products and accessories through online platform. By using this eCommerce website chess lovers will order and buy their desired products and accessories. Chess Station will sell various forms of products related to Chess to its customers and earn money through online payments or cash on delivery.