

Department of Electrical and Computer Engineering

North South University



Senior Design Project

3D Multiplayer First Person Shooter Game

Submitted by

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Approval

The senior design project entitled “**3D Multiplayer First Person Shooter Game**” by Samira Mahmood (ID#152 0265 042), Maruf Ahmed (ID#152 0054 042), Nafisa Mahbub Piyal (ID#152 1230 642) and Md. Hayder Ali (ID#152 1231 642) has been accepted as satisfactory and approved for partial fulfillment of the requirement of BS in CSE degree program on September, 2019.

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Declaration

We the undersigned solemnly declare that the project report “3D MULTIPLAYER FIRST PERSON SHOOTER GAME” is based on our own work carried out during the course of our study under the supervision of AKM Bahalul Haque.

We assert the statements made and conclusions drawn are an outcome of our research work, we further certify that

- I. The work contained in the report is original and has been done by us under the general supervision of our supervisor.
- II. The work has not been submitted to any other Institution for any other degree/diploma/certificate in this university or any other University of Bangladesh or abroad.
- III. We have followed the guidelines provided by the university in writing the report.
- IV. Whenever we have used materials (data, theoretical analysis, and text) from other sources, we have given due credit to them in the text of the report and giving their details in the references

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Abstract

Video Games have always been a leading form of entertainment being available for people of all ages. Eventually, with the evolution of technologies improving the functionality of playing video games, multiplayer games have received increased popularity. In a multiplayer game, several people interact in real-time over a network like internet or a local connection. One of the primary reasons for multiplayer games receiving so much enthusiasm and attention is because of the thrilling experience of competing with human counterparts. Over the years, Bangladesh has become a significant part of the gaming community, yet there aren't many startups or individuals who are seeking to get involved in the lucrative game industry. In reference to the aforementioned facts and enormous popularity of multiplayer games, our incentive is to contribute and to be part of the global game industry. We plan to create a 3D multiplayer FPS (First Person Shooter) game with appealing graphics and visuals, and we'll also include some features to make the game stand out.

Keywords: Multiplayer Game, Game Industry, First Person Shooter, Network