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**Green University of Bangladesh**

**Department of Computer Science and Engineering (CSE)**

**Faculty of Sciences and Engineering**

**Semester: (Spring, Year:2022), B.Sc. in CSE (Day)**

**LAB PROJECT PROPOSAL**

**Course Title: Computer Networking Lab**

**Course Code: CSE-312 Section: 193DB**

**Student Details**

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**Submission Date : 23-03-2022**

**Course Teacher’s Name : Mohammad Ehsan Shahmi Chowdhury**

**[For Teachers use only: Don’t Write Anything inside this box]**

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| **Project Proposal Status**  **Marks: ………………………………… Signature: .....................**  **Comments: .............................................. Date: ..............................** |

1. **TITLE OF THE PROJECT PROPOSAL**

Office building network design

1. **PROBLEM DOMAIN & MOTIVATIONS**

Security and safety have been a pivotal issue in the design and development of an enterprise network. Software farm network faces challenges to address core of security and safety which are govern by network architecture. IoT based networking will prevent different types of threats and accidents.

1. The main
2. purpose of creating the project is to provide proper management of the hotel. The hotel can store
3. guest entry, restaurant bill, reservations in a systematic way and no error is made. The data can
4. later be reviewed if any other problem occurs. I will be using PHP in lava framework to develop
5. my project

**3. OBJECTIVES/AIMS**

* To provide a smart and comfortable office for software farms employers.
* Making a trusted and security purpose office where iot base things are established for making employer's more efficient.
* Access Control List (ACL) is maintained at Data Centre router to avoid access to Data center by external users

**4. TOOLS & TECHNOLOGIES**

* Cisco Packet Tracer
* Internet
* CC-Camera security
* Internal communication system.

**5. CONCLUSION**

Overall, we will try to make our project effective. And our impetus of this case study is to apply the knowledge of our group gained in our cisco Networking lab class. From this point on, we we'll have to constructively design a 3rd floor building with many numerous networking concepts.

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