**MILITARY COLLEGE OF SIGNALS**

**NUST**

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**Project Proposal**

**Software Design and Architecture**

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**COURSE**  **:BESE 24 C**

**SUBMITTED TO :Mam Sehrish Firdous**

**DATE :29 December, 2020**

**Project Title : *n-peer***

*n-peer* is a peer-to-peer communication software like MS Teams

**Introduction**

We will prepare software design documentation for the proposed software n-*peer. n-peer* application is under construction and this project will cover the design phase of SDLC of this application. Implementation of this software will be performed after completion of SDD

**Objective**

This application will be built to provide users fast, secure and easy way of communication

**Scope**

This application is useful in corporate sector for work-from-home and online-meetings, in academia for online-classes, group study and project collaboration, in day-to-day life for communication and entertainment.

**Features**

This application enables a user to

* Make audio call with another user
* Make group audio calls
* Make video call with another user
* Make group audio calls
* Text messages
* Group chatting
* Multimedia file sharing
* Make groups
* Make classrooms
* Take quizzes and assignments in classroom
* Schedule meetings
* Screen Sharing in audio and video calls

**Tools**

We will use following software to produce software design documentation

* Microsoft Visio
* Microsoft Word