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Communication Networks
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Analysis of VoIP

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http://www.sfu.ca/~ypa11/Ensc%20427/427.html
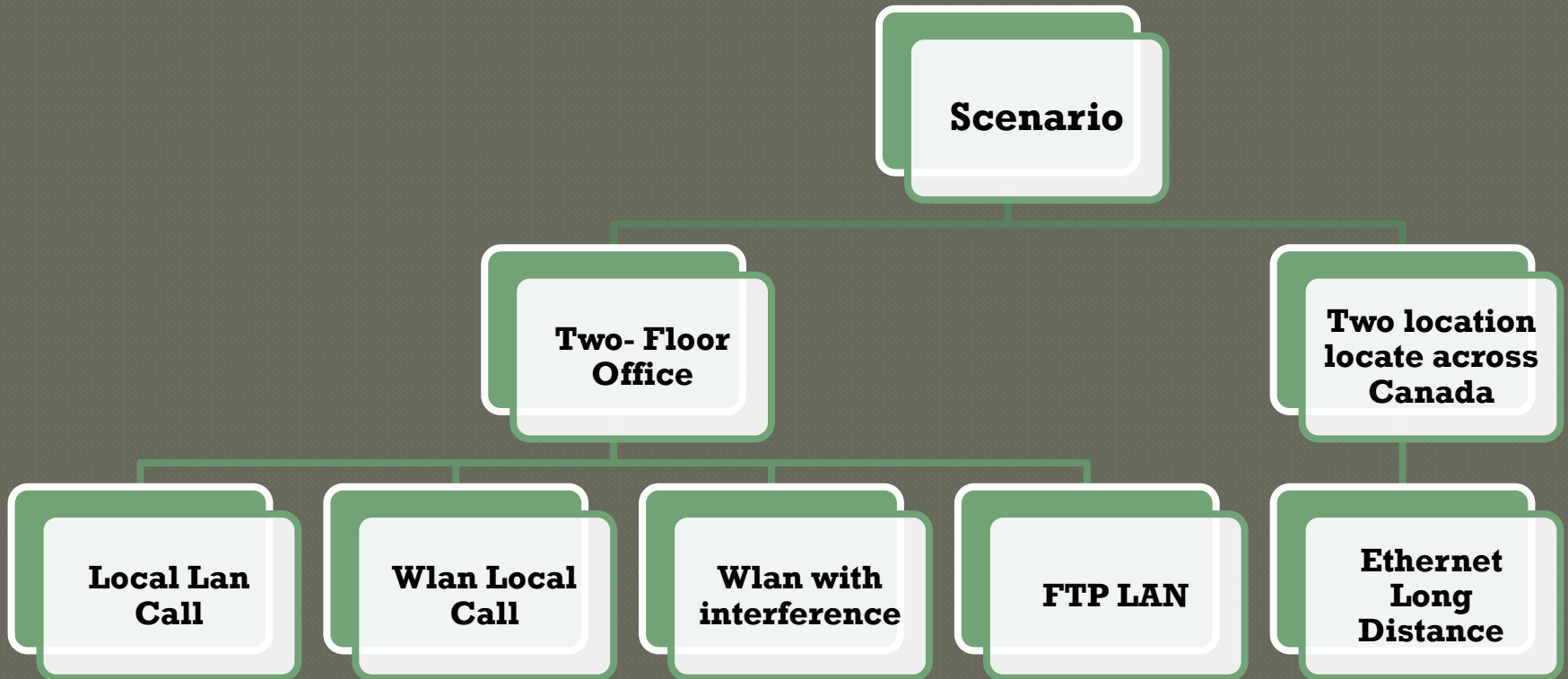
Introduction

- Project motivation
  - Increasing popularity of VoIP

- Project overview
  - Performance of VoIP between wire and wireless connection
  - Compare and analysis the QoS parameter between scenarios

Scenario Cases

Analysis Parameters

- Jitter

- End to End Delay

- Delay Variation

- Packet Loss

Conclusion

- Ethernet Vs wireless connection

- Interference in wireless connection greatly reduce QoS

- Distance call in VoIP introduce greater jitter and ETE delay.

Future Work

- G.729 comparison

- WiMax over WiFi

- Conference Call across the Globe

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