

# CSCI-4448/5448: Project Proposal

**1. Team:** Woncheol Song

Tae Gu Kim

Hui Soon Kim

**2. Title:** Packet Analyzer

**3. Description:** An application program to analyze network protocols and visualize packet information, network statistics to assist network administrator for network management.

**4. Platform/Environment:** C++, C#, Python

**5. Programming Languages:**

Languages	Woncheol Song	Tae Gu Kim	Hui Soon Kim
C++	Expert	Expert	Intermediate
C#	Intermediate	Beginner	Intermediate
Python	Beginner	Intermediate	Intermediate

**6. Functionality:**

- Show the list of available network protocols and input file formats
- Show payload of packet to users
- Show hierarchical structure for each packet
- Provide statistical packet analysis tools to users
- Show various graphs for statistical packet analysis to users