**Packet Flow Visualizer Documentation**

**Project Overview**

The Packet Flow Visualizer project aims to create a visual representation of packet flow within a college network, emphasizing the path from students' laptops/desktops to external networks. The solution involves network topology creation using Cisco Packet Tracer and packet flow investigation.

**Repository Contents**

1. `project cybersecurity.pkt`

- Cisco Packet Tracer file illustrating the network topology.

2. `README.md`

- Readme file providing an overview of the project, how to use the Packet Tracer file, and important information.

3. `LICENSE.txt`

- License file specifying the terms under which the project is released. (See below for the modified license text.)

4. `docs/`

- Folder containing additional documentation related to the project.

- `Packet\_Flow\_Analysis.pdf`: Detailed insights into packet flow investigation and analysis.

- `Network\_Topology\_Overview.pdf`: Overview of the created network topology.

5. Screenshots or Demo

- Include screenshots showcasing the network topology and packet flow within Cisco Packet Tracer.

**How to Use the Packet Tracer File**

To view the network topology and packet flow within Cisco Packet Tracer, follow these steps:

1. Download and install Cisco Packet Tracer from [NetAcad](https://www.netacad.com/courses/packet-tracer).

2. Open Cisco Packet Tracer.

3. Load the Packet Tracer file (`Packet\_Tracer\_File.pkt`) from this repository.

**Educational Insights**

The project provides the following educational insights:

- Understanding different blocks of network design.

- Familiarity with OSI model layers and the importance of layering.

- A comprehensive understanding of the roles of various devices in a network.

**Disclaimer**

The Packet Tracer file is intended for educational purposes, showcasing network topology and packet flow analysis within a controlled environment.

**Contributions and Acknowledgments**

Contributions and feedback are welcome. Acknowledgments to tools, resources, or guidance related to the project are appreciated.

**License**

This project is released under the [MIT License](LICENSE.txt). Feel free to download and view the Packet Tracer file for educational purposes Only.