

**UNIVERSITY OF  
WESTMINSTER**



**INFORMATICS INSTITUTE OF TECHNOLOGY**

**In Collaboration with**

**UNIVERSITY OF WESTMINSTER (UOW)**

**BEng/BEng. (Hons) in Software Engineering**

**Final year Project 2017/2018**

**For**

**Project Vagary  
Negotiation Mechanism for Rapid Deployment  
of Custom Protocols**

**By  
2012081 D.M.R.B.Dissanayake  
Supervised By  
Mr.Guhanathan Poravi**

***Abstract***

Protocols are the contracts binding the modern-day internet. All data transferred on wire undergoes some contract. Protocols are responsible in a wide range of tasks during this transfer data encoding and encryption are some of them. Rapidly changing the implementation of protocols is not possible due to highly process oriented standardization process.

The propose of this project is to propose a negotiation mechanism which will undergo the standardization process once but will enable rapid deployment of protocol in a more flexible approach. Enabling application developers to optimize communication as they prefer, matching their application.