UNIVERSITY OF REGINA
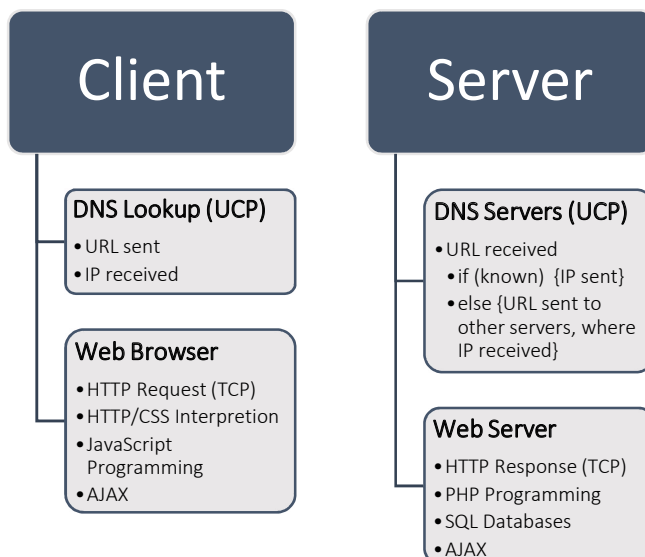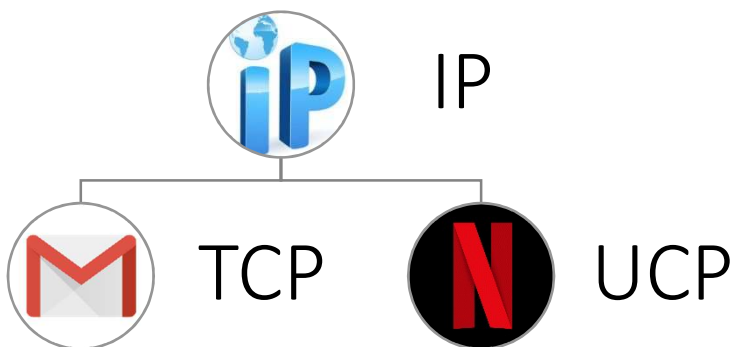**Department of Computer Science**

CS 215 – Web & Database Programming
Winter 2019

Assignment #1:

Web Technology and Website Design Critique
Due: Friday January 25, 2019 by 11:55 PM

Philip Ottenbreit
200388423

Question #1

Client

DNS Lookup (UCP)
- URL sent
- IP received

Web Browser
- HTTP Request (TCP)
- HTTP/CSS Interpretion
- JavaScript Programming
- AJAX

Server

DNS Servers (UCP)
- URL received
  - if (known) {IP sent}
  - else {URL sent to other servers, where IP received}

Web Server
- HTTP Response (TCP)
- PHP Programming
- SQL Databases
- AJAX

Internet Protocol (IP)
Transmission Control Protocol (TCP)
User Datagram Protocol (UDP)

Domain Name System (DNS)
Uniform Resource Locator (URL)

Asynchronous JavaScript and XML (AJAX)
Cascading Style Sheets (CSS)
Extensible Markup Language (XML)
Hypertext Transfer Protocol (HTTP)
Hypertext Preprocessor (PHP)
Structured Query Language (SQL)