# Abstract

To explore and analyze the different performance or web routers in context….

# Introduction

* Introduce what the job of the web router is
* What does it job sit in context? (http)
* What technologies sit on top of this? (html, css, js)
* Costs associated with and without proper implementations
* Description of the different parts to a request + response
* Simple description of what the dissertation/proposal is all about

# Literature review

* Explain client → server → client process with all the steps in between
* Current routing approaches
* Data structures
* Regex

## The routing problem

* State what the router needs to do
* How is it normally done
* How can it be extended?
* What would happen if its done improperly?

# Research Objectives/Questions

Considerable amount of work has gone into making the web faster with very little of it focusing upon the server side performance, can the router within the server be improved to produce significant improvements?……

# Research Context

# Method

* What is it specifically that I am doing?
* Lay the restrictions / assumptions down
* Why are these restrictions and assumptions in place?
* How is it being analyzed?

## The routers

* Overview of each router
* What is significant of each router
* Any implementation details that need to be mentioned
* Don’t forget that they’ll need to be appended as an appendix to this document so short simple code preferable

## Harness

The harness around the routers being used for analysis.

“It abstracts each router away to produce a single interface that allows….”

# Experimental Results and Discussion

Standard deviation per column of mean results, r2 maybe as well/instead?

How similar was the results within a measurement, what could that mean?

Graph everything, isolate for a few specific iterations. What was it like, anything similar?

Show graphs comparing sets with set iterations, does the results hold up over data input size?

Summarize the points, what could this mean for industry?

# Conclusion

Ignoring this for now.

# Further work

Ignoring this for now.