DISSERTATION TIMELINE

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| **DoT :** |  |

* Create account and VM (Ubuntu)on Google Cloud
* Install BIND9 and other utils necessary

Deploy DNS server on cloud machine.

Create primary NS, forward, reverse zone file

Setup Cache name server

Write Up – Literature Review

Analyse packets on Wireshark

(Unencrypted)

Install and setup Stubby

Analyse packets on Wireshark (Encrypted)

Decide on measurements

Write up – Introduction

Poster preparation

**Week 1**

7th May - 14th May

**Week 2**

14th May – 21st May

**Week 3**

21st May – 28th May

**Week 4**

28th May – 4th June

Tweaking implementation

Poster showcase – 20th June

Write up - continued

Reproduce implementation on SF’s servers

Make a list of people willing to use DNS (limited number)

**Week 7**

18th June – 25th June

**Week 6**

11th June – 18th June

**Week 5**

4th June – 11th June

Decide on measurements

Plot the values

Poster preparation & submission – 7th June

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Implement on Trinity servers (if granted permission)

HTTPS over TLS?

Make PPT for presentation

Prepare for Oral Examination

Prepare for Oral examination

Write up

Oral examination?

Analysis of values and data obtained

**Week 8**

25th June – 2nd July

**Week 9**

2nd July – 9th July

**Week 10**

9th July – 16th July

**Week 11**

16th July – 23rd July

Write up

Dissertation submission – 15th Aug

Improvements

More analysis

Write up

**Week 14**

6th Aug – 15th Aug

**Week 13**

30th July – 6th Aug

**Week 12**

23rd July – 30th July

Incorporate continuous feedback from SF and presentation

Write up