I. **Abstract** ***(to be determined later)***

II. **Introduction**

A. **Clouding history and the introduction of Fog computing.**

1. The start of Cloud Computing.
2. The problems associated with the clouding architecture.
3. The introduction of Fog computing to resolve those problems.

B. **Kubernetes**

1. Kubernetes and Clouds.
2. Why Kubernetes is not compatible with Fog computing (briefly).

C. **Organization**
Explain organization of the report, what is included, and what is not.

III. **Fog computing *State-of-the-art* and advantages over Cloud.**

A. Why Fog computing exists?

B. What the problem resolved by Fog computing?

C. Why Fog is the future? (IOT, end-to-end latency, location awareness).

IV. **Kubernetes and Fog computing**
(Divided into sections that will be treated separately)

A. The centralization and the impact on the performance.

B. end to end latency is ignored.

C. location awareness.

V. **A location aware service in Kubernetes**

A. Formulate specifically the problem of location awareness in the fog context.

B. How we solve it, and what have been changed in Kubernetes.

C. A brief explanation of our test-bed.

D. our result if any.

VI. **Conclusion.** ***(to be determined later)***

VII. **Acknowledgement.**