Distributed Computing I

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Presented for the Software Architecture course
at the University of Queensland

THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

Distributed Computing I

Software Architecture

March 28, 2022

Brae Webb

TODO: Larene in lecture & tutorial

Distributed Computing II

Software Architecture

April 4, 2022

Brae Webb

They exist? ACID

TODO: Event-driven

Distributed Computing III

Software Architecture

April 11, 2022

Richard Thomas

1 Consensus

1.1 Behaving Nodes

Leaders & Locks

1.2 Byzantine Faults

Byzantine Generals Problem

2 Consistency

2.1 Eventual Consistency

2.2 Linearizability

2.3 CAP Theorem

???

TODO: Damien micro w/ intro

TODO: Re-visit security