

# Distributed Computing III

April 11, 2022

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Presented for the Software Architecture course  
at the University of Queensland



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA

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## 1 Consensus

### 1.1 Behaving Nodes

Leaders & Locks

### 1.2 Byzantine Faults

Byzantine Generals Problem  
Idempotent

## 2 Consistency

### 2.1 Eventual Consistency

### 2.2 Linearizability

### 2.3 CAP Theorem