



Cairo University
**Faculty of Computers and
Information**



CS352 Software Engineering II

Assignment 2

By

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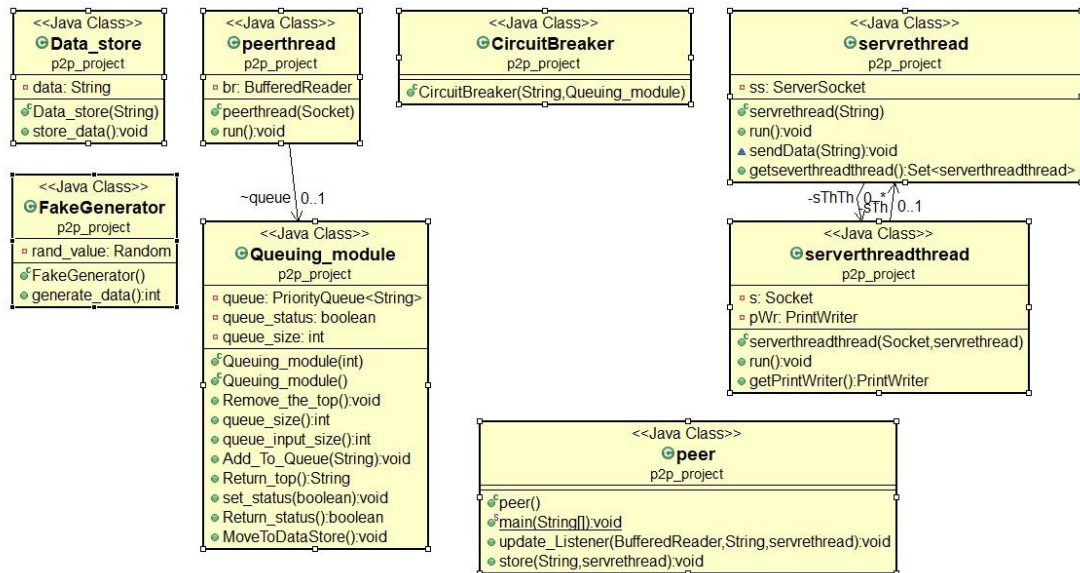
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I. Introduction: this is an application of decentralized replicated data store with Peer to Peer architectures.

II. System Design:



III. Description:

Peer: The main class that calls the main function.

Peerthread: The class that responsible for communicate with other peers.

Servrethread: The class that distribute the message to all peers.

Serverthreadthread: An assistant class to Serverthread.

FakeGenerator: responsible for generate data randomly.

Queuing_module: responsible for organize the received data that waiting for being stored to prevent overwhelming to Data_store.

Data_store: The one that store the data in file.

CircuitBreaker: The one that prevents loss of data.

IV. Installation Guide

Just run on any version of eclipse and adjust the JRE settings.