## **Design Document**

The project will consist of two java projects: p2pServer and p2pClient.

The p2pServer extends Java's RMI Remote facilities in order to set up a running index server.

The p2pClient Client program also makes use of Java's RMI Remote facilities to act as a server itself for other peers and to communicate with the index server.

The following UML Diagram should make the relationship clear.

