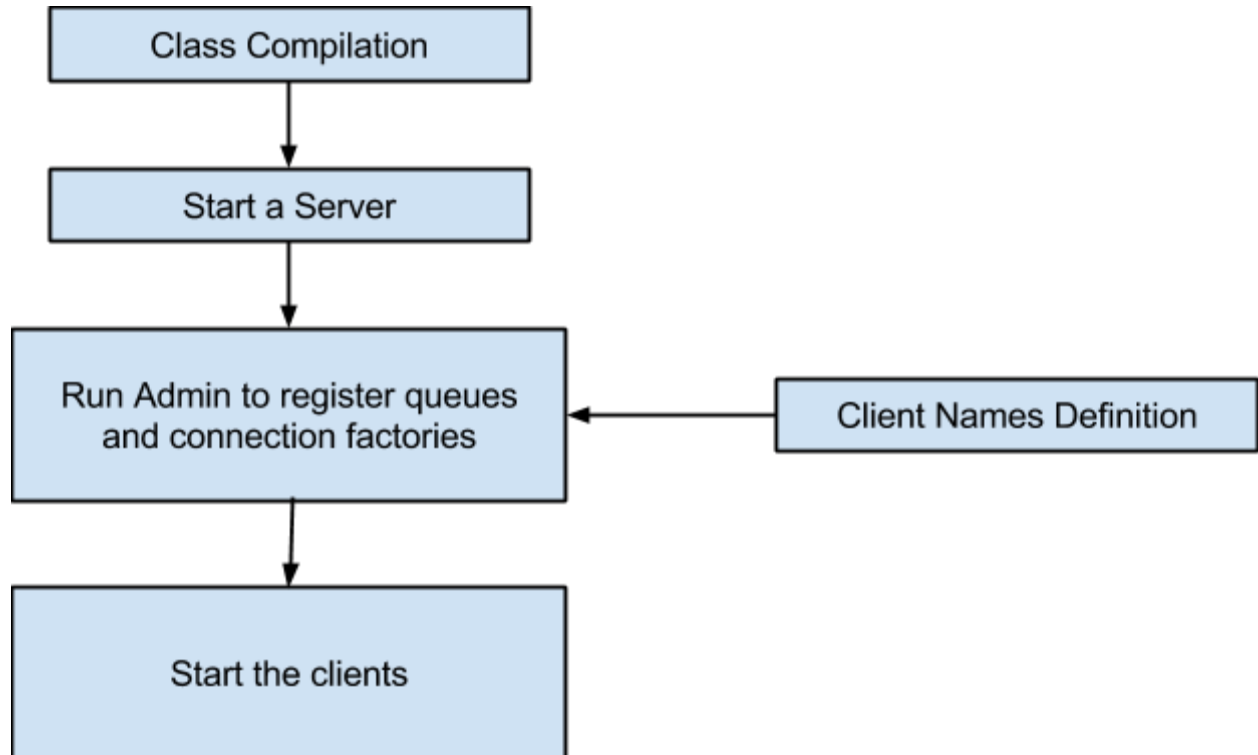


Mini Project #4 Design Document
Chinwei Hu

Workflow:



System architecture:

- Admin registers one queue for each client
- Client keeps a hashMap of queues and queueSenders for all clients, indexed by the client name
- Client has a ClientWindow, which maintains a hashMap of PollPanel, indexed by the poll name
- PollPanel manages most of the operations related to a Poll.
- Poll is a serializable class that can be sent in an ObjectMessage
- When creating a poll, the creator client sends an ObjectMessage with the newly created poll attached to all participants' queues
- When voting, the voter also sends an ObjectMessage to all participants' queues
- The creator of the poll can close the poll by choosing a final time and press the 'finalize' button, which triggers a send event to all participant queues
- When a poll is closed, no further vote can be sent

