

CSC408 Group 5

- **OMNIEditor maintains a list of connected clients**
- **Each client is represented on the server as a channel**
- **A Client has an associated text buffer**
- **To facilitate privacy, a client may only download from their own channel**
- **Clients may make other clients in the system aware of their editing state by uploading information about their text buffer to other client channels**
- **Each channel stores all pertinent information about a text buffer including the cursor position corresponding to the last editing activity**
- **For simplicity, only the most recent editing operation on a text buffer is stored on the server**

OMNIEditor Server

