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| Week 1 | * Construct the network and server sections of code to ensure proper communication and mediation between eventual clients. |
| Week 2 | * Create basic notepad with GUI implementation. * Test the sending and receiving of basic text messages. * Implement basic notepad functionality – cut, copy, undo, etc. * Implement basic text communication text box to allow simple messaging between clients. |
| Week 3 | * Test both the communication of the clients through the network, and server. * Implement encryption if time permits. |
| Week 4 | * Implement the encryption techniques needed for secure transmission of messages. * Research API’s to allow for asynchronous text editing – Google’s diff, match, and patch API. |
| Week 5 | * Test the communication of the clients using the newly created encryption techniques to ensure proper encrypting and decrypting of messages. * Implement diff-match –patch API if time permits. |
| Week 6 | * Test system and re-code for error correction. * Implement diff-match-path API if time permits. * Research ColorCode API and implement if time permits. |
| Week 7 | * Test system and build for release. |