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| **ECE498A: Student Log** | | | | | |
| **Name: Asif Arman Group: 2015.010 Signature: .**  **By signing above, I am stating that this is an accurate account of the tasks, dates, and times that I worked on my capstone design project.** | | | | | |
| **Task** | **Date** | **Start time** | **Finish time** | **Hours** | **Running total of hours** |
| Group Meeting:  -Decided on topic for FYDP  -Scaffolded initial angular app with yeoman  -modified grunt script to launch in chrome instead of default browser | May 11 | 3:00PM | 5:00PM | 2 | 2 |
| Group Meeting:  -added new message controller  -added browserified telehash package | May 14 | 2:00PM | 5:30PM | 3.5 | 5.5 |
| Performed research on different libraries that support DHT, created a hello world style of app an the Telehash library | May 17 | 6:00PM | 11:00PM | 5 | 10.5 |
| Group Meeting:  -implemented user id (hashname) generation using telehash library  -added related tests  -created several abstract services (communication, storage)  -added browserify build workflow to gruntfile | May 18 | 3:00PM | 6:00PM | 3 | 13.5 |
| Reviewed and worked on Project Abstract | May 20 | 6:00PM | 8:00PM | 2 | 15.5 |
| Reviewed web development fundamentals, HTML, JavaScript , CSS | May 22 | 6:00PM | 8:00PM | 2 | 17.5 |
| Research on Bower, Grunt and Yeoman with different types of generators | May 24 | 8:00PM | 10:00PM | 3 | 20.5 |
| - Worked on Project Specification, -- Reviewed and completed online Safety Quiz  - Performed research, and completed learning exercises with AngularJS | May 25 | 11:00AM | 7:00PM | 7 | 27.5 |
| Group Meeting:  -initial implementation of Telehash messaging | June 7 | 5:00PM | 10:30PM | 5.5 | 33 |
| - Looked into different cloud storage solutions that could be used for remote storage  - Implemented test web applications that using Dropbox Datastore API, and Google Drive SDK  - Wrote code to sync Dropbox Datastore to local storage (still incomplete) | June 8 | 6:00PM | 12:00AM | 6 | 39 |
| Group Meeting:  -added user hashname to debugging message  -refactored contact list ids  -refactored verification process  -fixed invalid hashname error  -added additional debug message  -fixed invalid hashname bug | June 15 | 2:00PM | 9:00PM | 7 | 46 |
| Group Meeting:  -added status message handling and display  -refactored passing of ids into contact objects  -implemented $q service promises for listening method callbacks to fix data binding  added configuration service to store user settings  -added angular constants to store hard-coded strings | June 28 | 1:00PM | 6:00PM | 5 | 51 |
| Worked on the Detailed Design and Project Timeline report | July 1st | 3:00PM | 7:30PM | 4.5 | 55.5 |
| Group Meeting:  -implemented cryptography service wrappers  -changed listener implementation  -changed listener implementation  -changed sending implementation  -implemented promises for send method | July 12 | 2:00PM | 8:00PM | 6 | 61.5 |
| - Group Meeting:  corrected channel storage and using channel to send  -added check for connecting to self  -added more debug details  -attached callback to contact specific channel  -re-added send status update on start | July 13 | 2:00PM | 8:00PM | 6 | 67.5 |
| - Looked into getting free SSL certificates for HTTPS  - figure out how to serve the app as an HTTPS app versus HTTP | July 18 | 3:00PM | 5:00PM | 2 | 69.5 |
| Group Meeting:  -multiple promise implementation for sending and receiving  -re-implemented promises for sending and receiving  -renamed parameters for sending and receiving channels  -implemented separate channels for sending and receiving | July 19 | 5:30PM | 10:00PM | 4.5 | 74 |
| Group Meeting:  -using iife to enclose iterator to fix closure bug  -ported closure fix to master  -testing without response on listen channel  -re-implemented channel based send  -added angular-moment library  -fixed sending promise resolution  -tweaked styling  -added and implemented busy indicators on startup and send using angular-busy library  -removed footer | July 20 | 3:30PM | 8:30PM | 5 | 79 |
| Group Meeting:  -further styling tweaks  -complete styling overhaul -included new bootstrap theme  -enabling dragging only on phone resolutions  -changed offline detection to activate on first timeout  -testing offline detection  -reverting to send messages only in start  -re-implmented response on listen channel | July 21 | 1:00PM | 7:00PM | 6 | 85 |
| Group Meeting:  -implemented timestamp tracking  -refactored contacts and conversations into arrays to preserve ordering  -added scrolling overflow for message area  -added Time service as momentjs wrapper | July 22 | 5:30PM | 8:00PM | 2.5 | 87.5 |
| Group Meeting:  -fixed chrome specific overflow behavior  -remove developer names from footer on xs resolution  -added workaround for time sync issues  -refined time ago filter  -redesigned contact list  -fixed timestamp implementation  -added abbreviation option for id-to-name filter  -re-added from parameter to saved messages | July 25 | 1:00PM | 7:30PM | 6.5 | 94 |
| Group Meeting:  -added server as seed  -added tab sorting by most recently opened.  -changed badge color  -added unread message count for contact tab  -fixed always present scroll bar  -changed 'just now' time message for time difference sync to 'seconds ago'  -fixed relative timestamp updates  -implemented invite accept/reject  -implemented receiving invites -removed hard coded contacts  -added invite sending  -refactored dependency between identity and communication services | July 27 | 1:00PM | 8:30PM | 7.5 | 101.5 |