CS 4800 Chat-Bot

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Code Link: [Git link…]

**Abstract**

Accessibility to self-treatment comes from a new wave of self-care hospitalization methods. Health organizations and hospitals provide Booking appointments for therapy and commuting to therapy centers can certainly be expensive, and money is certainly not an additional tax that you would like to factor into your recovery of normalized behavior. This age of technology shows that we can achieve immediate clerical attention and accurate diagnosis for patients at home. Paired with other traditional means of ensuring mental safety, we can cover more bases for the protection of others. Our solution is a chat bot that can have a similar conversation as to an actual therapist, remedying the need to commute and personalize the security and confinement of your personal conversation.

**Glossary**

* NVM
* Node.js
* Mocha/Chai
* Express.js
* Firebase/GCP (Google Cloud Platform)
* JavaScript
* Functional Paradigm
* HTTPS Requests
* JSON
* Unit Testing
* Git Version Control
* Cloud Functions
* Webpack

**Solution**

The current infrastructure and design layout of our project ties its foundations to the backbone of Google’s Firebase. Firebase provides support across multiple platforms and strong documentation. Firebase can be deployed as a standalone application or as a service. Covid-69’s solution is to create a backend service using Firebases api and its two forms of data storage, Realtime Database and Firestore. Among the two storages, Firestore is used for its component of saving the state of conversations between unique users.