

CS 451 : Distributed Systems

Course Project

Team Members :

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Project Specification

- Infrastructure + Application Project
- Implementation of Key-Value Store : Simplified version of Cassandra
- Messaging Application on top of Cassandra (basically for testing and performance analysis)
- Performance Analysis (Optional)

Functionality Supported

Cassandra

- Get (table, key, supercolumn)
- Insert (table, key, supercolumn, column)

Messsaging App

- Send : Send message to a friend
- Interaction Search : Display the history of messages with a particular person
- Term Search : Display messages that match a particular keyword