

Programming 3 assignment report - <Student name>

Versions of ChatSys implemented

3.0 but partly functional

Implemented features

- InMemoryDatabase fully functional
- TextDatabase only functional for users (methods register, getNumberUsers, getUser, authenticate)
- SQLiteDatabase only functional for users (methods register, getNumberUsers, getUser, authenticate)
- JSONProtocol only for users
- HTTPServer
 - UserHandler for both JSON and text protocols
 - RecentMessagesHandler only for text protocol
- Unit tests
 - User class
 - InMemoryDatabase, TextDatabase and SQLiteDatabase only for methods related to users (register, getNumberUsers, getUser, authenticate)
 - JSONProtocol only for users

Missing features

- Secured connection (HTTP)
- MySQLDatabase
- JSONProtocol for messages
- HTTPServer
 - UnreadMessagesHandler
 - MessageHandler
 - RecentMessagesHandler for JSON protocol
- Unit tests
 - ChatMessage class
 - InMemoryDatabase, TextDatabase and SQLiteDatabase for methods related to chat messages (getNumberMessages, addMessage, getRecentMessages, getUnreadMessages)
 - JSONProtocol for chat messages
 - HTTPServer

Known bugs and limitations

- Javadoc missing