

# Common (Shared Resource) Classes

Admin
private transient MessageHandler messageHandler private transient AuthenticationSystem authenticationSystem
public Admin(String username, String password, MessageHandler messageHandler, AuthenticationSystem authenticationSystem) public boolean addUser(User user) public boolean banUser(int userID) public boolean deleteUser(int userID) public boolean hideChatBox(int chatBoxID) public boolean hideChatMessage(int chatBoxID, int messageID) public boolean resetUserPassword(int userID, String newPassword) public void sendSystemMessage(String content) public boolean unbanUser(int userID)

ChatBox
private int chatBoxID; private final String name; private Collection<User> participants; private final SortedSet<Message> messages; private boolean isHidden; LocalDateTime creationTime private static final Comparator<Message> MESSAGE_TIMESTAMP_COMPARATOR
public static ChatBox getSystemChatBox() public static void resetChatBoxIdGenerator() public ChatBox() private ChatBox(boolean t) public ChatBox(Collection<User> participants) public ChatBox(Collection<User> participants, String name) public ChatBox(List<User> participantsList) public ChatBox(String name) public void addMessage(Message message) public boolean addParticipant(User user) public boolean equals(Object obj) public int getChatBoxID() public ChatBox getEmpty() public SortedSet<Message> getMessages() public List<Message> getMessagesList() public String getName() public Collection<User> getParticipants() public List<User> getParticipantsList() public int hashCode() public void hideChatBox() public boolean isHidden() public LocalDateTime lastUpdated() public boolean removeParticipant(User user) public void setParticipants(Collection<User> participants) public String toString()

User
private final int userID private String username private String password private boolean isOnline private boolean isBanned
public User(String username, String password) public static void setUserIdGenerator(int value) public boolean equals(Object user) public String getPassword() public int getUserID() public String getUsername() public int hashCode() public boolean isBanned() public boolean isOnline() public void setBanned(boolean banned) public void setOnline(boolean isOnline) public void setPassword(String password) public void setUsername(String username) public String toString()