

































| C  User | |
|--|----------|
| m  User(UserType, String, String, UUID) | |
| m  verifyPassword(String) | boolean |
| p  password | String |
| p  type | UserType |
| p  id | UUID |
| p  username | String |



| E  UserType | |
|---|------------|
| ATTENDEE | |
| ORGANIZER | |
| SPEAKER | |
| m  values() | UserType[] |
| m  valueOf(String) | UserType |

| C  Event | |
|---|----------------|
| f  attendees | List<UUID> |
| m  Event(String, LocalDateTime, UUID, UUID, UUID, List<UUID>, int) | |
| m  hasAttendee(UUID) | boolean |
| m  addAttendee(User) | void |
| m  removeAttendee(User) | void |
| m  iterator() | Iterator<UUID> |
| p  organizerId | UUID |
| p  eventTitle | String |
| p  speakerId | UUID |
| p  id | UUID |
| p  eventRoom | int |
| p  eventTime | LocalDateTime |

| C  Message | |
|--|---------------|
| m  Message(String, UUID, UUID, UUID) | |
| m  Message(String, UUID, UUID, UUID, LocalDateTime) | |
| m  compareTo(Message) | int |
| p  recipientId | UUID |
| p  timeSent | LocalDateTime |
| p  senderId | UUID |
| p  id | UUID |
| p  messageText | String |