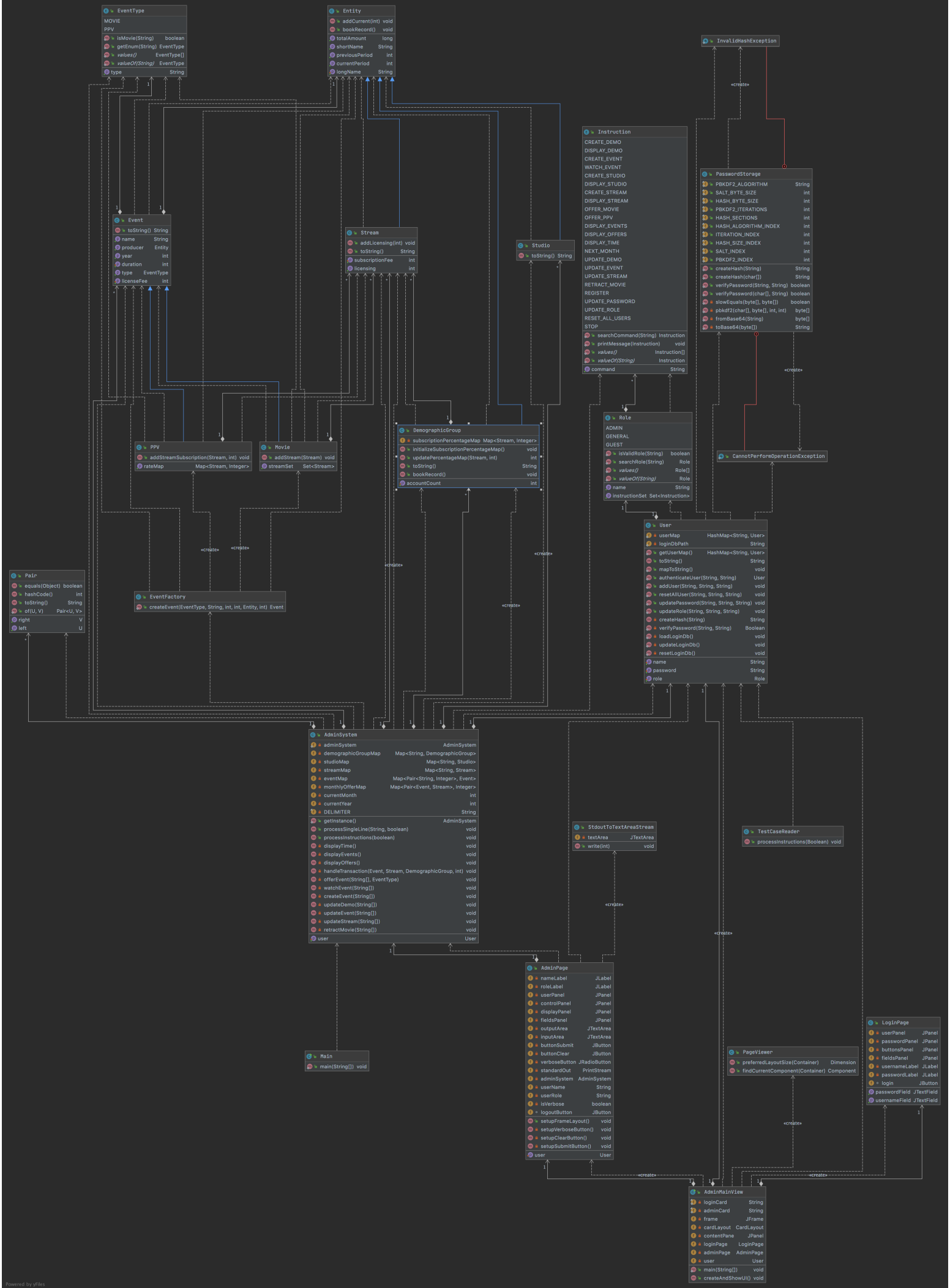
EventType
MOVIE
PPV
isMovie(String) boolean
getEnum(String) EventType
values() EventType[]
valueOf(String) EventType
type String
Entity
addCurrent(int) void
bookRecord() void
totalAmount long
shortName String
previousPeriod int
currentPeriod int
longName String
InvalidHashException
«create»
Instruction
CREATE_DEMO
DISPLAY_DEMO
CREATE_EVENT
WATCH_EVENT
CREATE_STUDIO
DISPLAY_STUDIO
CREATE_STREAM
DISPLAY_STREAM
OFFER_MOVIE
OFFER_PPV
DISPLAY_EVENTS
DISPLAY_OFFERS
DISPLAY_TIME
NEXT_MONTH
UPDATE_DEMO
UPDATE_EVENT
UPDATE_STREAM
RETRACT_MOVIE
REGISTER
UPDATE_PASSWORD
UPDATE_ROLE
RESET_ALL_USERS
STOP
searchCommand(String) Instruction
printMessage(Instruction) void
values() Instruction[]
valueOf(String) Instruction
command String
PasswordStorage
PBKDF2_ALGORITHM String
SALT_BYTE_SIZE int
HASH_BYTE_SIZE int
PBKDF2_ITERATIONS int
HASH_SECTIONS int
HASH_ALGORITHM_INDEX int
ITERATION_INDEX int
HASH_SIZE_INDEX int
SALT_INDEX int
PBKDF2_INDEX int
createHash(String) String
createHash(char[]) String
verifyPassword(String, String) boolean
verifyPassword(char[], String) boolean
slowEquals(byte[], byte[]) boolean
pbkdf2(char[], byte[], int, int) byte[]
fromBase64(String) byte[]
toBase64(byte[]) String
Event
toString() String
name String
producer Entity
year int
duration int
type EventType
licenseFee int
Stream
addLicensing(int) void
toString() String
subscriptionFee int
licensing int
Studio
toString() String
Role
ADMIN
GENERAL
GUEST
isValidRole(String) boolean
searchRole(String) Role
values() Role[]
valueOf(String) Role
name String
instructionSet Set<Instruction>
CannotPerformOperationException
PPV
addStreamSubscription(Stream, int) void
rateMap Map<Stream, Integer>
Movie
addStream(Stream) void
streamSet Set<Stream>
DemographicGroup
subscriptionPercentageMap Map<Stream, Integer>
initializeSubscriptionPercentageMap() void
updatePercentageMap(Stream, int) int
toString() String
bookRecord() void
accountCount int
User
userMap HashMap<String, User>
loginDbPath String
getUserMap() HashMap<String, User>
toString() String
mapToString() void
authenticateUser(String, String) User
addUser(String, String, String) void
resetAllUser(String, String, String) void
updatePassword(String, String, String) void
updateRole(String, String, String) void
createHash(String) String
verifyPassword(String, String) Boolean
loadLoginDb() void
updateLoginDb() void
resetLoginDb() void
name String
password String
role Role
Pair
equals(Object) boolean
hashCode() int
toString() String
of(U, V) Pair<U, V>
right V
left U
EventFactory
createEvent(EventType, String, int, int, Entity, int) Event
AdminSystem
adminSystem AdminSystem
demographicGroupMap Map<String, DemographicGroup>
studioMap Map<String, Studio>
streamMap Map<String, Stream>
eventMap Map<Pair<String, Integer>, Event>
monthlyOfferMap Map<Pair<Event, Stream>, Integer>
currentMonth int
currentYear int
DELIMITER String
getInstance() AdminSystem
processSingleLine(String, boolean) void
processInstructions(boolean) void
displayTime() void
displayEvents() void
displayOffers() void
handleTransaction(Event, Stream, DemographicGroup, int) void
offerEvent(String[], EventType) void
watchEvent(String[]) void
createEvent(String[]) void
updateDemo(String[]) void
updateEvent(String[]) void
updateStream(String[]) void
retractMovie(String[]) void
user User
StdoutToTextAreaStream
textArea JTextArea
write(int) void
TestCaseReader
processInstructions(Boolean) void
AdminPage
nameLabel JLabel
roleLabel JLabel
userPanel JPanel
controlPanel JPanel
displayPanel JPanel
fieldsPanel JPanel
outputArea JTextArea
inputArea JTextArea
buttonSubmit JButton
buttonClear JButton
verboseButton JRadioButton
standardOut PrintStream
adminSystem AdminSystem
userName String
userRole String
isVerbose boolean
logoutButton JButton
setupFrameLayout() void
setupVerboseButton() void
setupClearButton() void
setupSubmitButton() void
user User
Main
main(String[]) void
PageViewer
preferredLayoutSize(Container) Dimension
findCurrentComponent(Container) Component
LoginPage
userPanel JPanel
passwordPanel JPanel
buttonsPanel JPanel
fieldsPanel JPanel
usernameLabel JLabel
passwordLabel JLabel
login JButton
passwordField JTextField
usernameField JTextField
AdminMainView
loginCard String
adminCard String
frame JFrame
cardLayout CardLayout
contentPane JPanel
loginPage LoginPage
adminPage AdminPage
user User
main(String[]) void
createAndShowUI() void
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