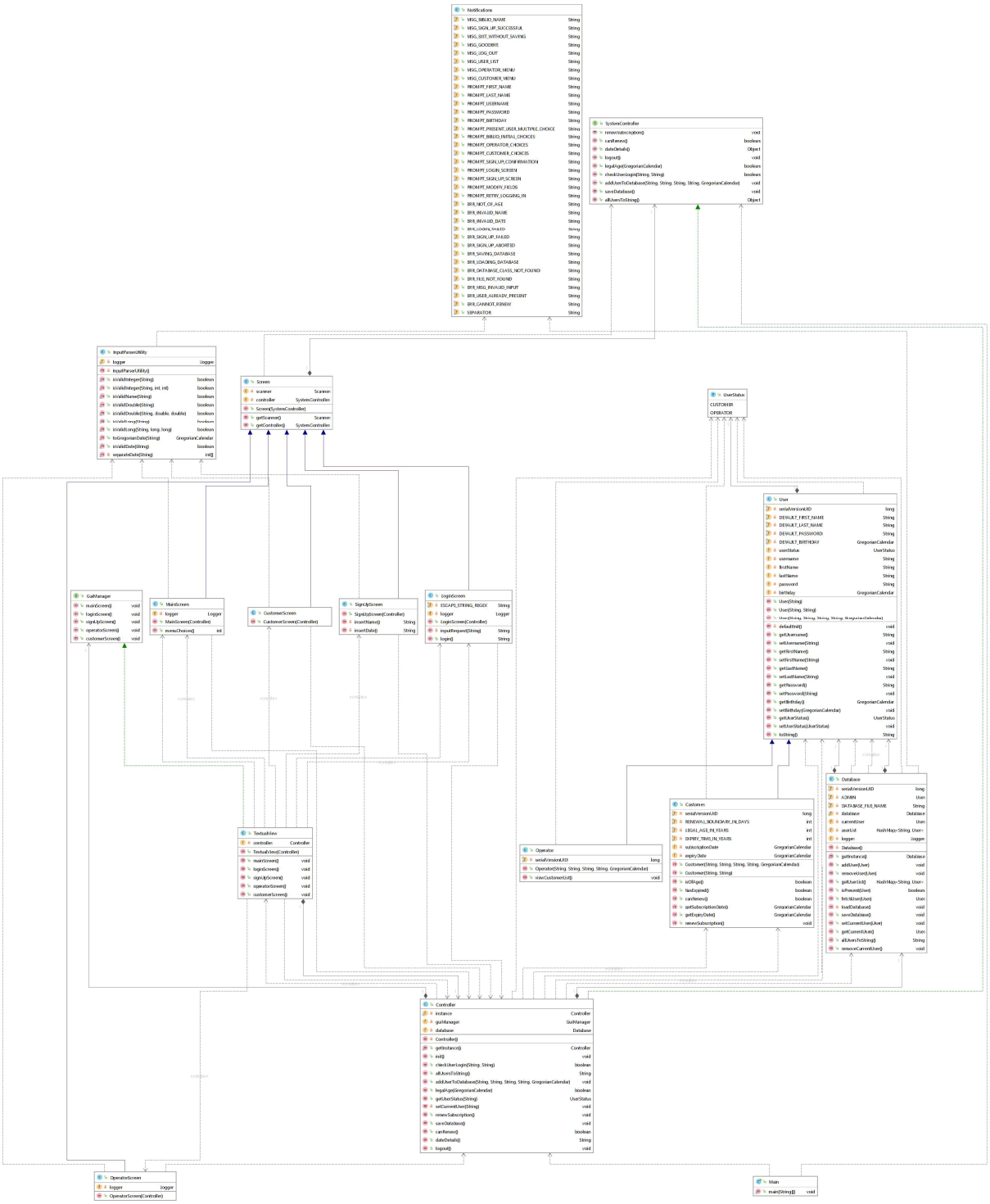
Notifications
MSG_BIBLIO_NAME String
MSG_SIGN_UP_SUCCESSFUL String
MSG_EXIT_WITHOUT_SAVING String
MSG_GOODBYE String
MSG_LOG_OUT String
MSG_USER_LIST String
MSG_OPERATOR_MENU String
MSG_CUSTOMER_MENU String
PROMPT_FIRST_NAME String
PROMPT_LAST_NAME String
PROMPT_USERNAME String
PROMPT_PASSWORD String
PROMPT_BIRTHDAY String
PROMPT_PRESENT_USER_MULTIPLE_CHOICE String
PROMPT_BIBLIO_INITIAL_CHOICES String
PROMPT_OPERATOR_CHOICES String
PROMPT_CUSTOMER_CHOICES String
PROMPT_SIGN_UP_CONFIRMATION String
PROMPT_LOGIN_SCREEN String
PROMPT_SIGN_UP_SCREEN String
PROMPT_MODIFY_FIELDS String
PROMPT_RETRY_LOGGING_IN String
ERR_NOT_OF_AGE String
ERR_INVALID_NAME String
ERR_INVALID_DATE String
ERR_LOGIN_FAILED String
ERR_SIGN_UP_FAILED String
ERR_SIGN_UP_ABORTED String
ERR_SAVING_DATABASE String
ERR_LOADING_DATABASE String
ERR_DATABASE_CLASS_NOT_FOUND String
ERR_FILE_NOT_FOUND String
ERR_MSG_INVALID_INPUT String
ERR_USER_ALREADY_PRESENT String
ERR_CANNOT_RENEW String
SEPARATOR String
SystemController
renewSubscription() void
canRenew() boolean
dateDetails() Object
logout() void
legalAge(GregorianCalendar) boolean
checkUserLogin(String, String) boolean
addUserToDatabase(String, String, String, String, GregorianCalendar) void
saveDatabase() void
allUsersToString() Object
InputParserUtility
logger Logger
InputParserUtility()
isValidInteger(String) boolean
isValidInteger(String, int, int) boolean
isValidName(String) boolean
isValidDouble(String) boolean
isValidDouble(String, double, double) boolean
isValidLong(String) boolean
isValidLong(String, long, long) boolean
toGregorianDate(String) GregorianCalendar
isValidDate(String) boolean
separateDate(String) int[]
Screen
scanner Scanner
controller SystemController
Screen(SystemController)
getScanner() Scanner
getController() SystemController
UserStatus
CUSTOMER
OPERATOR
User
serialVersionUID long
DEFAULT_FIRST_NAME String
DEFAULT_LAST_NAME String
DEFAULT_PASSWORD String
DEFAULT_BIRTHDAY GregorianCalendar
userStatus UserStatus
username String
firstName String
lastName String
password String
birthday GregorianCalendar
User()
User(String, String)
User(String, String, String, String, GregorianCalendar)
defaultInit() void
getUsername() String
setUsername(String) void
getFirstName() String
setFirstName(String) void
getLastName() String
setLastName(String) void
getPassword() String
setPassword(String) void
getBirthday() GregorianCalendar
setBirthday(GregorianCalendar) void
getUserStatus() UserStatus
setUserStatus(UserStatus) void
toString() String
GuiManager
mainScreen() void
loginScreen() void
signUpScreen() void
operatorScreen() void
customerScreen() void
MainScreen
logger Logger
MainScreen(Controller)
menuChoice() int
CustomerScreen
CustomerScreen(Controller)
SignUpScreen
SignUpScreen(Controller)
insertName() String
insertDate() String
loginScreen
ESCAPE_STRING_REGEX String
logger Logger
LoginScreen(Controller)
inputRequest(String) String
login() String
Database
serialVersionUID long
ADMIN User
DATABASE_FILE_NAME String
database Database
currentUser User
userList HashMap<String, User>
logger Logger
Database()
getInstance() Database
addUser(User) void
removeUser(User) void
getUserList() HashMap<String, User>
isPresent(User) boolean
fetchUser(User) User
loadDatabase() void
saveDatabase() void
setCurrentUser(User) void
getCurrentUser() User
allUsersToString() String
removeCurrentUser() void
Customer
serialVersionUID long
RENEWAL_BOUNDARY_IN_DAYS int
LEGAL_AGE_IN_YEARS int
EXPIRY_TIME_IN_YEARS int
subscriptionDate GregorianCalendar
expiryDate GregorianCalendar
Customer(String, String, String, String, GregorianCalendar)
Customer(String, String)
isOfAge() boolean
hasExpired() boolean
canRenew() boolean
getSubscriptionDate() GregorianCalendar
getExpiryDate() GregorianCalendar
renewSubscription() void
Operator
serialVersionUID long
Operator(String, String, String, String, GregorianCalendar)
viewCustomerList() void
TextualView
controller Controller
TextualView(Controller)
mainScreen() void
loginScreen() void
signUpScreen() void
operatorScreen() void
customerScreen() void
Controller
instance Controller
guiManager GuiManager
database Database
Controller()
getInstance() Controller
init() void
checkUserLogin(String, String) boolean
allUsersToString() String
addUserToDatabase(String, String, String, String, GregorianCalendar) void
legalAge(GregorianCalendar) boolean
getUserStatus(String) UserStatus
setCurrentUser(String) void
renewSubscription() void
saveDatabase() void
canRenew() boolean
dateDetails() String
logout() void
OperatorScreen
logger Logger
OperatorScreen(Controller)
Main
main(String[]) void