The Jungle Game

Chesshire Coders

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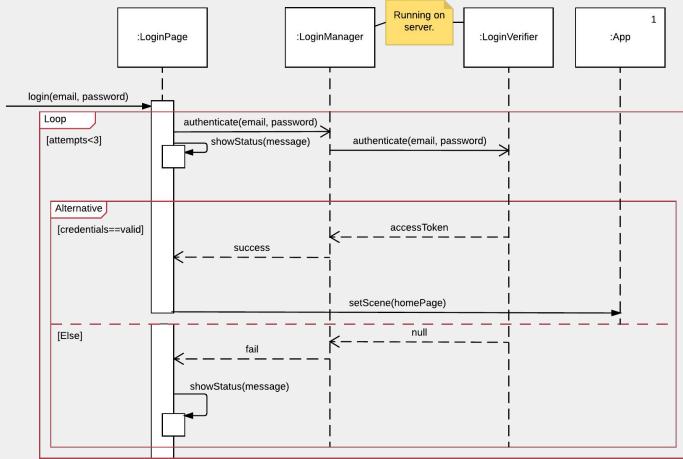
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Sequence diagrams

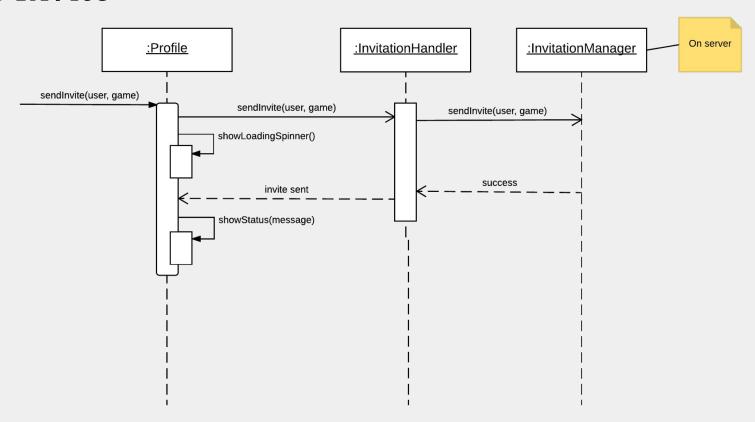
- Login
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Login

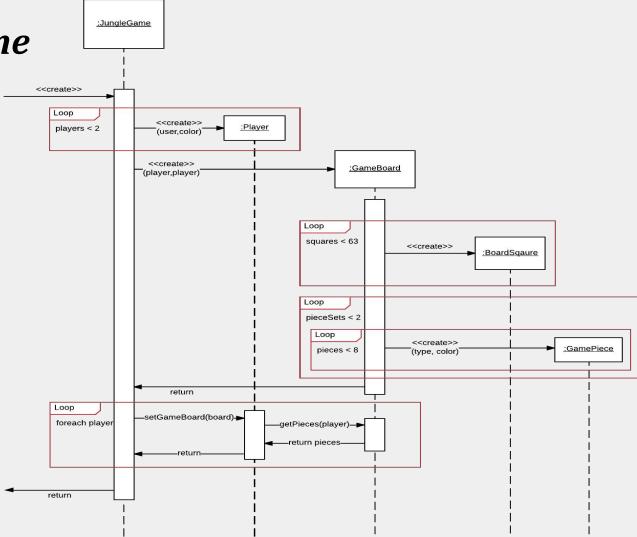


Running on Register server. :RegisterPage :RegistrationManager :RegistrationVerifier :App register(email, password,nickname), Loop authenticate(email, password) [credentials!=valid] authenticate(email, password) fail fail Alternative [email==unique && nckname==unique] dataValidated success setScene(homePage) [Else] null fail showStatus(message)

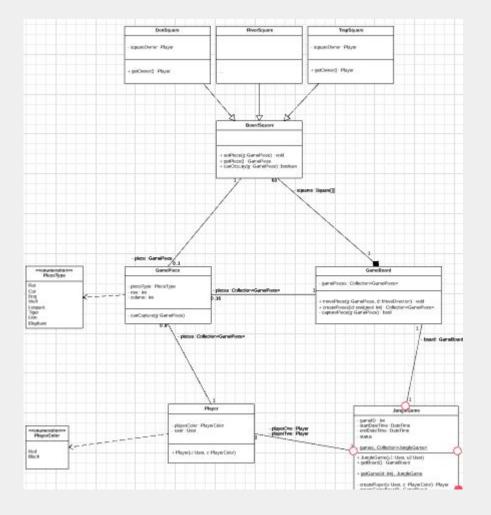
Game Invite



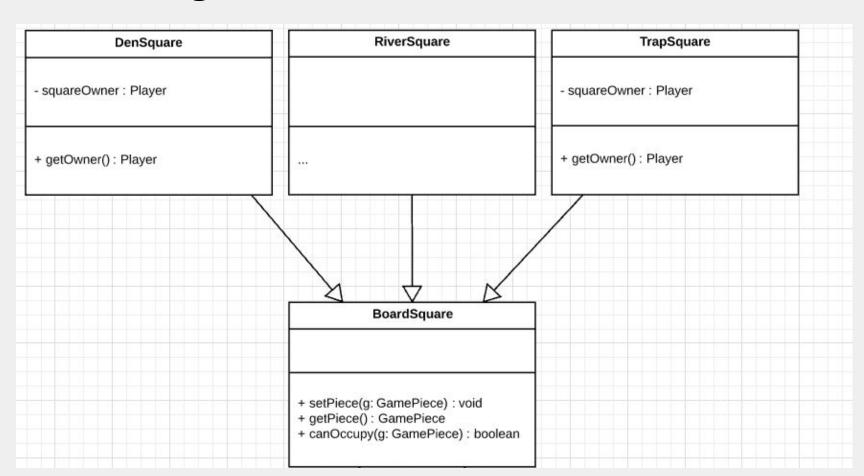
Create Game

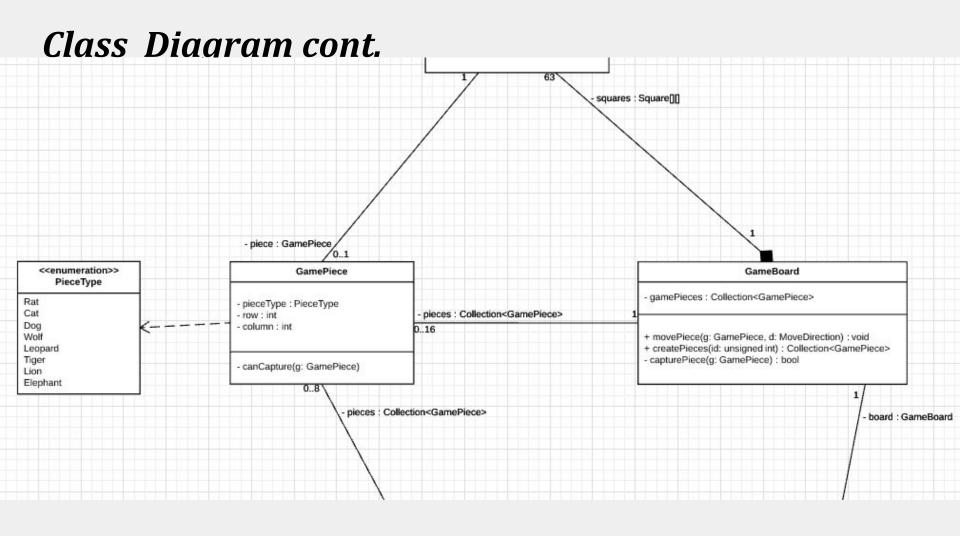


Class Diagram

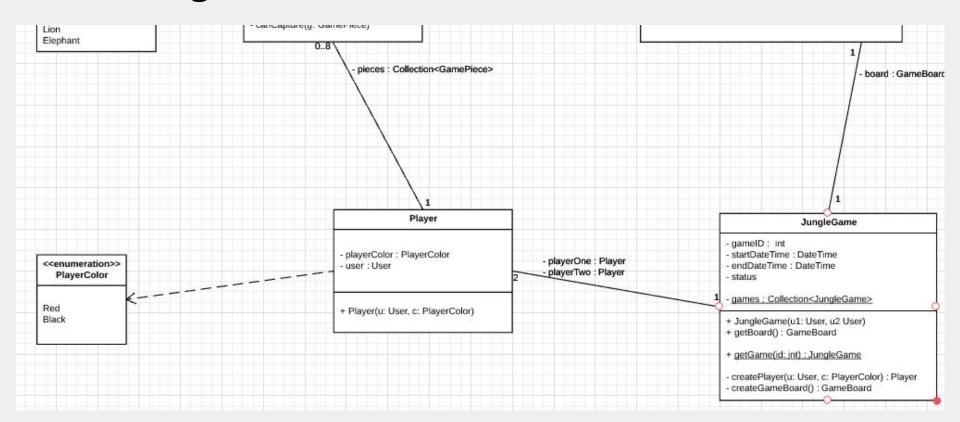


Class Diagram





Class Diagram cont.



List of test cases:

TestGameBoard:

TestBoardSquare:

testSetLocation_bottom_right_corner testSetLocation_column_too_big testSetLocation_column_too_small testSetLocation_row_too_big testSetLocation_row_too_small

testSetPowerLevel zero

testSetPowerLevel_too_small testSetPowerLevel_eight

testSetPowerLevel too big

testCanOccupy_river testCanOccupy_river_rat

testCanOccupy_friendly_piece

testCanOccupy_friendly_den

testCanOccupy_square_not_adjacent_row testCanOccupy_square_not_adjacent_column testCanOccupy_square_not_adjacent_leopard

TestAccountHandler

testRegisterUser

testRegisterUserAlreadyRegistered

testRegisterUserFailure

testUnregisterUser testValidateLogin

testLogout

testConstructorWithPlayerColor

testClearPiece testIsEmpty testIsEmpty_not testSetPiece testSetPiece null

testGetPieceAt_row_too_small

testGetSquareAt_top_left_table_edge

testGetSquareAt_bottom_right_table_edge

testGetSquareAt_column_too_big

testGetPieceAt column too big

testGetPieceAt empty square

testGetPieceAt row too big

testGetPieceAt column too small

testGetSquareAt_column_too_small

testGetSquareAt_row_too_big

testGetSquareAt row too small

testGetValidMoves_corner

testGetPieceAt normal

testGetValidMoves_leopard

testMovePiece

all

TestBoardSquare:

Questions And Discussions