

# TEST CASE – BE

## Room Controller

### Create Room

Call the service passing a random room name and a random nickname

OUTPUT: The creation of a room stored in db, a bank bingo paper as result (OK)

### Join Room

Call the service with a not existing room code

OUTPUT: “Invalid room code, Room not found”, http code result: 404 (ERROR)

Call the service passing the room code of a room already started

OUTPUT: “Cannot join. Game already started”, http code result: 403 (ERROR)

Call the service passing the nickname of a user already in room

OUTPUT: “Duplicate nickname in room”, http code result 400 (ERROR)

Call the service with correct parameters

OUTPUT: A list of available cards that can be assigned to user (OK)

### Extract Number

Call the service with a not existing room code

OUTPUT: “Invalid room code, Room not found”, http code result: 404 (ERROR)

Call the service with an incorrect unique code

OUTPUT: “Wrong unique code”, http status 403 (ERROR)

Call the service after the tombola was extracted:

OUTPUT: “Game ended, all prizes assigned” (OK)

Call the service with correct parameters

OUTPUT: The extracted number, The list of involved cards through socket, the list of winner through socket (OK)

### Last Extracted Number

Call the service with a not existing room code

OUTPUT: “Invalid room code, Room not found”, http code result: 404 (ERROR)

Call the service with correct parameters

OUTPUT: The last extracted number (OK)

### Online Players

Call the service with a not existing room code

OUTPUT: 0 (OK)

Call the service with the room code of an existing room

OUTPUT: The number of players connected to socket (OK)

## Get Room Winners

Call the service with a not existing room code

OUTPUT: "Invalid room code, Room not found", http code result: 404 (ERROR)

Call the service with correct parameters:

OUTPUT: The list of room's winners (OK)

## User Controller

### Assign Cards

Call the service with a not existing room code

OUTPUT: "Invalid room code, Room not found", http code result: 404 (ERROR)

Call the service with random username

OUTPUT: "Forbidden! Given user doesn't exists in room!", http code result: 403 (ERROR)

Call the service with correct parameters

OUTPUT: Cards assigned to specified user. (OK)

### Get User Cards

Call the service with a not existing room code

OUTPUT: "Invalid room code, Room not found", http code result: 404 (ERROR)

Call the service with a not existing user

OUTPUT: "User not found", http code result: 404 (ERROR)

Call the service with correct parameters

OUTPUT: The list of user cards, http code result 200 (OK)

## Bingo Paper Controller

### Next Paper Excluding paper ids

Call the service with correct parameters

OUTPUT: The list of the next bingo paper that can be assigned to the specified user, excluding specified bingo paper ids. (OK)