`

Test Plan
EuroMovie

`

Date: 01/12/2023

Group Members: Nazim Ahmedov

Stakeholders: WKS, WAD, OOD teachers

Version: 1.0

1. LogInManager Tests:

- **GetSalt_ValidUserName_ReturnsAreEqual**

  - Input: "name1"

  - Pre-condition: user has an account

  - Expected Output: "exampleSalt"

- **GetHash_ValidUserName_ReturnsAreEqual**

  - Input: "name1"

  - Pre-condition: user has an account

  - Expected Output: "ExamplePassword1234"

- **GetSalt_InvalidUserName_ReturnsAreNotEqual**

  - Input: "FakeName"

  - Expected Output: Not "exampleSalt"

- **GetHash_InvalidUserName_ReturnsAreNotEqual**

  - Input: "FakeName"

  - Expected Output: Not "ExamplePassword1234"

`

2. ProductManager Tests:

- **CreateMovie_ValidMovie**

  - Input: Movie object

  - Expected Output: created

- **GetMovie_ValidMovie_ReturnsNotNull**

  - Input: "Transformers 4"

  - Pre-condition: product exists in database

  - Expected Output: Not null

- **EditMovie_ValidMovie_ReturnsTrue**

  - Input: New Movie object, "Transformers 4"

  - Pre-condition: product exists in database

  - Expected Output: True

- **CreateSerie_ValidSerie_ReturnsTrue**

  - Input: Serie object

  - Pre-condition: serie is not present in database

  - Expected Output: create serie

- **GetSerie_ValidSerie_ReturnsNotNullAndIsInstanceOfType**

  - Input: "The Witcher"

  - Pre-condition: series exists in database

  - Expected Output: Not null, instance of Serie

- **GetSerie_InvalidSerie_ReturnsNotNulAndNotInstanceOfType**

  - Input: "Transformers 4"

  - Expected Output: Not null, not instance of Serie

- **EditSerie_ValidSerie_ReturnsTrue**

  - Input: New Serie object, "The Witcher"

  - Pre-condition: serie exists in database

  - Expected Output: True

- **FindMovie_MovieExists_ReturnsTrue**

  - Input: Movie object

`

- Pre-condition: serie exists in database

- Expected Output: True

3. ReviewManager Tests:

- **GetUserReview**

  - Input: User ID and Product ID

  - Pre-condition: review, user and product exist in database

  - Expected Output: User review retrieved

- **DeleteUserReview**

  - Input: User ID and Product ID

  - Pre-condition: review, user and product exist in database

  - Expected Output: User review deleted

- **UpdateUserReview**

  - Input: Updated review and Product ID

  - Pre-condition: review, user and product exist in database

  - Expected Output: User review updated

4. UserManager Tests:

- **CreateUser_ValidUser_ReturnsTrue**

  - Input: User object, salt

  - Pre-condition: user does not exist in database

  - Expected Output: True

- **DeleteUser_ValidUser_ReturnsTrue**

  - Input: User object

  - Pre-condition: user exists in database

  - Expected Output: True

- **GetUser_ValidUser_ReturnsNotNull**

  - Input: User email

  - Pre-condition: user exists in database

`

- Expected Output: Not null

- **EditUser_ValidUser_ReturnsTrue**

  - Input: New User object, User email

  - Pre-condition: user exists in database

  - Expected Output: True

- **FindUser_UserExists_ReturnsTrue**

  - Input: User object

  - Pre-condition: user exists in database

  - Expected Output: True