Rapport des tests unitaires



F01: Navigation

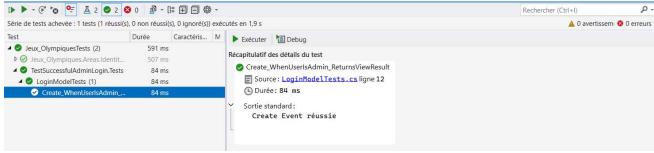
(en cours)

F02: Evènements

Test: création, par l'admin, d'un Event

```
using Microsoft.AspNetCore.Mvc;
        using Jeux_Olympiques.Controllers;
        using Microsoft.AspNetCore.Http;
 4
        using System.Security.Claims;
        namespace TestSuccessfulAdminLogin.Tests
             [TestClass()]
            public class LoginModelTests
 9
10
                [TestMethod()]
11
                public void Create_WhenUserIsAdmin_ReturnsViewResult()
12
13
                    // Arrange
14
                    var controller = new EventsController();
15
                    var user = new ClaimsPrincipal(new ClaimsIdentity([new Claim(ClaimTypes.Role, "Admin")]));
16
                    var context = new DefaultHttpContext { User = user };
17
18
                    controller.ControllerContext.HttpContext = context;
19
20
21
22
                    var result = controller.Create();
23
24
                    // Assert
25
                    Assert.IsNotNull(result);
26
                    Assert.IsInstanceOfType(result, typeof(ViewResult));
27
                    Console.WriteLine("Create Event réussie");
28
29
                    var viewResult = result as ViewResult;
30
                    Assert.IsNull(viewResult.ViewName);
31
32
```

Redaction du test unitaire.



Extrait de l'explorateur du test unitaire avec le résultat

F03: Offres

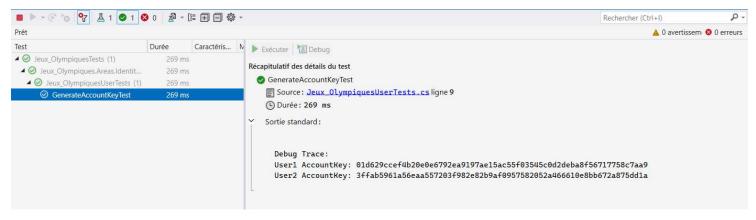
(en cours)

F04: Inscription

Test : générer une clé unique par utilisateur

```
using System.Diagnostics;
       vnamespace Jeux_Olympiques.Areas.Identity.Data.Tests
 4
             [TestClass()]
 5
             public class Jeux_OlympiquesUserTests
 6
                  [TestMethod()]
                  public void GenerateAccountKeyTest()
 9
10
11
                      var user1 = new Jeux_OlympiquesUser {Id = "1", Email = "john.doe@testmail.com", FirstName = "John", LastName = "Doe"};
var user2 = new Jeux_OlympiquesUser {Id = "2", Email = "jane.deo@mailtest.com", FirstName = "Jane", LastName = "Deo"};
12
13
14
15
                      user1.GenerateAccountKey();
17
                      user2.GenerateAccountKey();
18
19
                      // Assert
20
                      Assert.AreNotEqual(user1.AccountKey, user2.AccountKey);
21
                      Assert. IsNotNull(user1. AccountKey);
22
23
                      Assert.IsNotNull(user2.AccountKey);
24
                       // Display the generated account keys
25
                      Debug.WriteLine($"User1 AccountKey: {user1.AccountKey}");
                      Debug.WriteLine($"User2 AccountKey: {user2.AccountKey}");
26
27
28
29
       3
```

Redaction du test unitaire.



Extrait de l'explorateur du test unitaire avec le résultat