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using Microsoft.VisualStudio.TestTools.UnitTesting;
using CupPlaner.Controllers;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Web.Mvc;

namespace CupPlaner.Controllers.Tests
{
    [TestClass()]
    public class FinalsLinkControllerTests
    {
        FinalsLinkController controller = new FinalsLinkController();

        [TestMethod()]
        public void CreateTest()
        {
            //Create a new finals link
            dynamic jsonResult = ((JsonResult)controller.Create(1, 1,
ID.DivisionId)).Data;
            Assert.AreEqual("success", jsonResult.status);
            ID.FinalsLinkId = jsonResult.id;

            //Create a new finals link, but to an invalid division
            jsonResult = ((JsonResult)controller.Create(1, 1, 999999)).Data;
            Assert.AreEqual("error", jsonResult.status);
        }

        [TestMethod()]
        public void DetailsTest()
        {
            //Find the created finals link
            dynamic jsonResult = ((JsonResult)controller.Details(ID.FinalsLinkId)).Data;
            Assert.AreEqual("success", jsonResult.status);
            Assert.AreEqual(ID.FinalsLinkId, jsonResult.id);
            Assert.AreEqual(1, jsonResult.Finalstage);
            Assert.AreEqual(1, jsonResult.PoolPlacement);
            Assert.AreEqual(ID.DivisionId, jsonResult.Division_Id.Id);

            //Find a finals link that does not exist
            jsonResult = ((JsonResult)controller.Details(999999)).Data;
            Assert.AreEqual("error", jsonResult.status);
        }

        [TestMethod()]
        public void EditTest()
        {
            //Edit the created finals link
            dynamic jsonResult = ((JsonResult)controller.Edit(ID.FinalsLinkId,
2,2)).Data;
            Assert.AreEqual("success", jsonResult.status);

            //Check to see if edits have been saved
            jsonResult = ((JsonResult)controller.Details(ID.FinalsLinkId)).Data;
            Assert.AreEqual(2, jsonResult.Finalstage);
            Assert.AreEqual(2, jsonResult.PoolPlacement);
        }
    }
}

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        Assert.AreEqual(ID.DivisionId, jsonResult.Division_Id.Id);

        //Edit a finals link that does not exist
        jsonResult = ((JsonResult)controller.Edit(999999, 2, 2)).Data;
        Assert.AreEqual("error", jsonResult.status);
    }

    [TestMethod()]
    public void DeleteTest()
    {
        //Delete the created finals link
        dynamic jsonResult = ((JsonResult)controller.Delete(ID.FinalsLinkId)).Data;
        Assert.AreEqual("success", jsonResult.status);

        //Delete a finals link that does not exist
        jsonResult = ((JsonResult)controller.Delete(999999)).Data;
        Assert.AreEqual("error", jsonResult.status);
    }
}

```