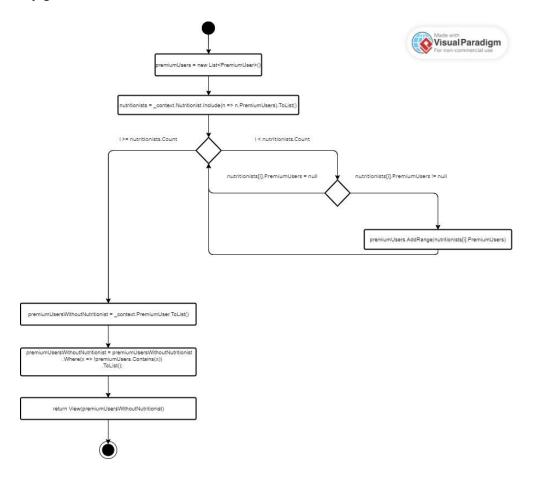
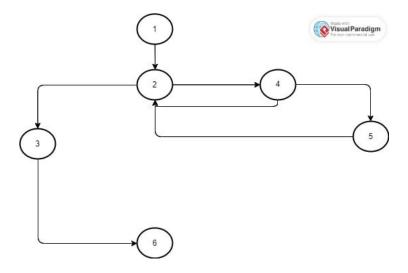
WHITEBOX TESTIRANJE - INDEX METODA ZA ADMINCONTROLLER

Metoda:

Dijagram toka:



Graf programskog toka:



Putevi:

1-2-3-6

1-2-4-2-3-6

1-2-4-5-2-3-6

Za navedene puteve napisana su 3 testna slučaja:

1-2-3-6:

```
[TestMethod]
• | 0 references | we ran into an exception loading metrics for this method - please contact support public async Task Index_ReturnsCorrectView_WhenNoNutritionists()
    var nutritionists = new List<Nutritionist>();
    var premiumuser1 = new PremiumUser();
    var premiumuser2 = new PremiumUser();
     var premiumuser3 = new PremiumUser();
     var premiumUsersWithoutNutritionist = new List<PremiumUser>
   premiumuser1,
   premiumuser2,
   premiumuser3
     _mockDbContext.Setup(c => c.Nutritionist)
       .ReturnsDbSet(nutritionists);
     _mockDbContext.Setup(c => c.PremiumUser)
          .ReturnsDbSet(premiumUsersWithoutNutritionist);
     var result = await _controller.Index();
    var viewResult = result as ViewResult;
    Assert.IsInstanceOfType(viewResult.Model, typeof(List<PremiumUser>)); var model = viewResult.Model as List<PremiumUser>;
     Assert.AreEqual(3, model.Count());
```

1-2-4-2-3-6:

1-2-4-5-2-3-6

```
[TestMethod]
• | 0 references | we ran into an exception loading metrics for this method - please contact support public async Task Index_ReturnsFilteredPremiumUsers()
    var premiumuser1 = new PremiumUser();
    var premiumuser2 = new PremiumUser();
    var premiumuser3 = new PremiumUser();
    var nutritionists = new List<Nutritionist>
    new Nutritionist { PremiumUsers = new List<PremiumUser> { premiumuser1 } },
new Nutritionist { PremiumUsers = new List<PremiumUser>() }
    var premiumUsersWithoutNutritionist = new List<PremiumUser>
   premiumuser1,
   premiumuser2,
   premiumuser3
    _mockDbContext.Setup(c => c.Nutritionist)
         .ReturnsDbSet(nutritionists);
    _mockDbContext.Setup(c => c.PremiumUser)
      .ReturnsDbSet(premiumUsersWithoutNutritionist);
    var result = await _controller.Index();
    var viewResult = result as ViewResult;
    Assert.IsInstanceOfType(viewResult.Model, typeof(List<PremiumUser>));
    var model = viewResult.Model as List<PremiumUser>;
    Assert.AreEqual(2, model.Count()); // Verify the correct number of premium users are returned
```

Ovim testovima su obuhvaćeni svi putevi, petlje, grane te sve linije metode.