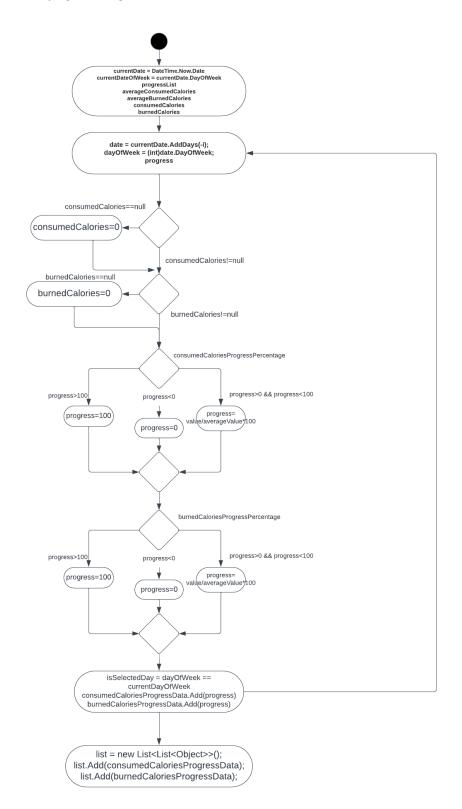
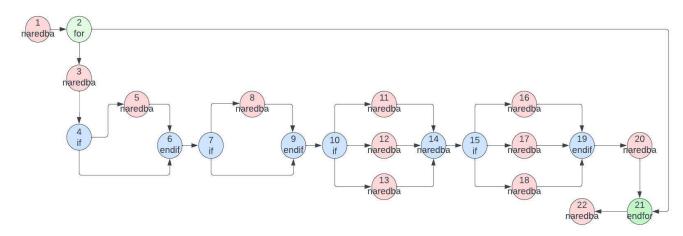
1. METODA

```
ntact support | 💿 1/1 passino
public async Task<List<List<object>>> SetProgressData(RegisteredUser registeredUser)
    // Current date information
var currentDate = DateTime.Now.Date;
    var currentDayOfWeek = (int)currentDate.DayOfWeek;
     // Retrieve progress data for the last 7 days
     var progressList = await _context.Progress
          .Where(p => p.RegisteredUser.Id == registeredUser.Id && p.Date.Date >= currentDate.AddDays(-6).Date && p.Date.Date <= currentDate.Date)
.OrderBy(p => p.Date)
.ToListAsync();
     // Average consumed and burned calories values
    var averageConsumedCalories = 2000;
     var averageBurnedCalories = 300;
    var consumedCaloriesProgressData = new List<object>();
var burnedCaloriesProgressData = new List<object>();
    // Loop through the last 7 days to calculate progress data for (var i = 6; i \ge 0; i--)
          var date = currentDate.AddDays(-i);
var dayOfWeek = (int)date.DayOfWeek;
          var progress = progressList.FirstOrDefault(p => p.Date.Date == date.Date);
          var consumedCalories = progress?.ConsumedCalories ?? 0;
          var burnedCalories = progress?.BurnedCalories ?? 0;
          var consumedCaloriesProgressPercentage = (int)CalculateProgressPercentage(consumedCalories, averageConsumedCalories);
var burnedCaloriesProgressPercentage = (int)CalculateProgressPercentage(burnedCalories, averageBurnedCalories);
          var isSelectedDay = dayOfWeek == currentDayOfWeek;
                consumedCaloriesProgressData.Add(new
                     DayOfWeek = date.ToString("ddd"),
HeightPercentage = consumedCaloriesProgressPercentage,
IsSelectedDay = isSelectedDay
                burnedCaloriesProgressData.Add(new
                     DayOfWeek = date.ToString("ddd"),
HeightPercentage = burnedCaloriesProgressPercentage,
IsSelectedDay = isSelectedDay
          // Create a list to store both consumed and burned calories progress data
var list = new List<List<Object>>();
           list.Add(consumedCaloriesProgressData);
           list.Add(burnedCaloriesProgressData);
           return list;
```

2. DIJAGRAM TOKA



3. GRAF PROGRAMSKOG TOKA



broj grana - broj čvorova + 2 = 28 - 22 +2 = 8

4. PUTEVI:

1-2-3-4-5-6-7-9-10-11-14-15-18-19-20-21-22

1-2-3-4-6-7-8-9-10-13-14-15-17-19-20-21-22

1-2-3-4-4-6-7-9-10-12-14-15-17-19-20-21-22

1-2-3-4-5-6-7-8-9-10-11-14-15-16-19-20-21-22

1-2-3-4-5-6-7-8-9-10-11-14-15-17-19-20-21

1-2-3-4-5-6-7-8-9-10-11-14-15-18-19-20-21-22

1-2-3-4-5-6-7-8-9-10-13-14-15-16-19-20-21-22

1-2-3-4-5-6-7-8-9-10-1-12-14-15-17-19-20-21-22

1-2-3-4-5-6-7-8-9-10-12-14-15-18-19-20-21-22

1-2-3-4-5-6-7-8-9-10-13-14-15-16-19-20-21-22

1-2-3-4-5-6-7-8-9-10-13-14-15-17-19-20-21-22

1-2-3-4-5-6-7-8-9-10-13-14-15-18-19-20-21-22

5. TESTNA METODA

S obzirom da se testni primjeri razlikuju samo u ulaznim podacima vezanim za Progress, odabran je data driven način testiranja, te su testni slučajevi definirani na sljedeći način:

Ovim testom su obuhvaćene sve linije, petlje i putevi metode.