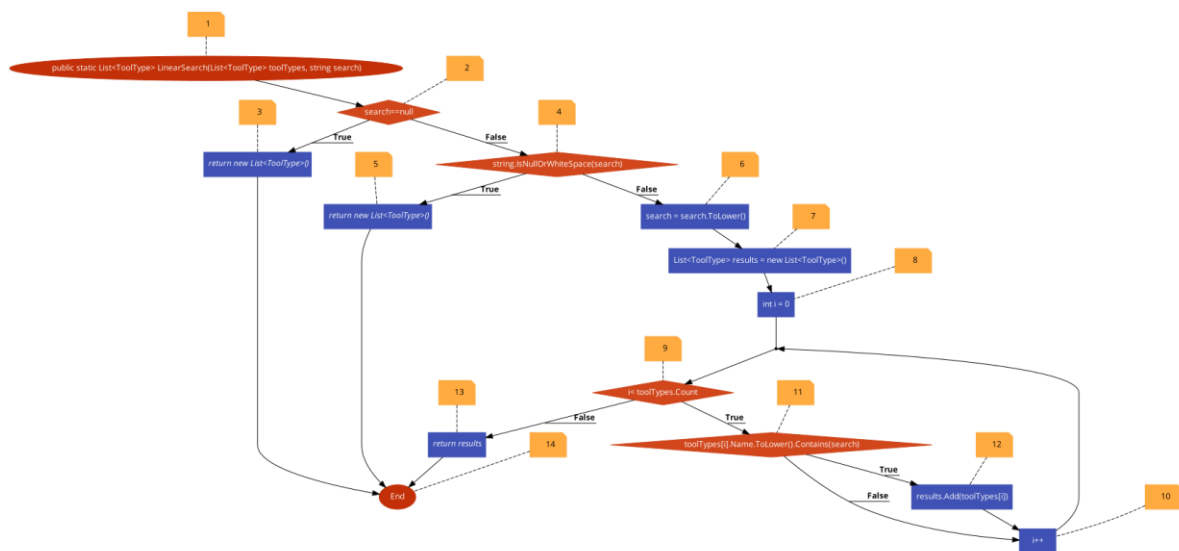Ime člana: Ahmed Ljubunčič

Metoda: HomeController.LinearSearch

```csharp
public static List<ToolType> LinearSearch(List<ToolType> toolTypes, string search) {
    if (search==null) {
        return new List<ToolType>();
    }
    if (string.IsNullOrWhiteSpace(search))
    {
        return new List<ToolType>();
    }

    search = search.ToLower(); // Convert search to lowercase for case-insensitive search

    List<ToolType> results = new List<ToolType>();

    for (int i = 0; i<toolTypes.Count;i++) {
        if (toolTypes[i].Name.ToLower().Contains(search)) {
            results.Add(toolTypes[i]);
        }
    }

    return results;
}
```

Flowchart dijagram:

Put	Čvorovi	Test
1	1-2-3-14	LinearSearch_SearchIsNull_ReturnsEmptyList
2	1-2-4-5-14	LinearSearch_SearchIsWhiteSpace_ReturnsEmptyList
3	1-2-4-6-7-8-9-13-14	LinearSearch_ListIsEmpty_ReturnsEmptyList
4	1-2-4-6-7-8-9-11-12-10-9-13-14	LinearSearch_OneElementInListWithMatchingSearch_ReturnsList
5	1-2-4-6-7-8-9-11-10-9-13-14	LinearSearch_OneElementInListWithNoMatchingSearch_ReturnsEmptyList

Testovi se nalaze u Burgija.Tests/WhiteBoxTest/LinearSearchTest