Hello. Welcome back to code review 4.1. Today I am going to explain my layout of the app, and I would like to give analytics on why I did it this way.

According to the task, we have to create a layout that contains two team names, two scores, buttons for increasing and decreasing the scores, also a switch to pick what team you want now, and some radio buttons say how you are going to change the current score. Let’s see the current layout.

As you can see, I split elements into groups. These TextViews are the names of the teams, it is the first group, scores TextViews are the second, a switch and two buttons are the third group, and radio buttons are the fourth group. All groups are inside of the constraint layout. And the activity\_main layout is the rubber layout because each element has a specific weight inside of each layout. This way of realization is very good because the layout is adaptive for each phone or tablet in Android.

Let’s see the first group. I said that it must be the horizontal linear layout containing two TextViews inside of it. Each View must have an equal weight of width, but the height must be wrap\_content. The constraint of the first group must be left, right and top. All other layouts are going to be one under the other relative to the first.

The second group is a vertical linear layout. I will call it A. Inside the A, there is a TextView showing “Score” and a horizontal layout B. The B layout contains the score’s TextViews corresponding to each team. These TextViews also have equal weight.

The third group is screen centered. The approach is the same as the second group. We have a layout inside of the layout. The children's layout has two Buttons with equal weight.

A last group is a radio group having radio buttons.

Overall, this approach for developing app layout is excellent in this case, because the app is not very huge, and we can create and use the layout multiple times instead of making adaptations for each screen type are small, normal, large, xlarge. That makes sense, and our layout becomes a rubber layout.

Thank you for your attention. Have a good day and bye.