MODULE F
BRICS Future Skills & Tech Challenge 2024

«Mobile applications development»
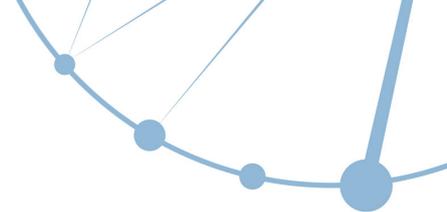
TV App

You need to develop an application for a smart TV with an appearance consistent with the overall design concept. You can make in previous smartphone project or create new one.

The main screen should contain a block with a list of participants (leaderboard) and a chart of points scored.

The list of participants should display the data of all participants in real time, displaying avatar, nickname and points scored. In the case when the player's position in the leaderboard changes, it is necessary to play the "coin" sound.

The circles chart should display a list of all players in real time in the form of circles, sorted by maximum score. The color of the circle should be random, but not repeated within all players. The size of the circles should be proportional to the points of the participants. For example, if the first participant has 1000 points and the second one has 500 points, which means that the circle of the second participant should be half the size of the first one.

Example of chart available in Figma: https://www.figma.com/design/Gv17AoyiQVVUPWFOQLyC2c/QuiziPeasy---F?node-id=0-1&t=7Qd0QOUBBlFwOVgT-1

If there is no Internet connection, the application should display a corresponding pop-up message.

During the execution of requests, an indication should be displayed so that the user understands that data is being exchanged.

App publication

Prepare the data for publishing the app in the store. To publish, you need to:

1. Prepare 4 screenshots in the format required for the play google store

2. A description of the application has been prepared in English (at least 300 characters)

3. .ipa/apk file for further upload to the play google store