Bingo Mobile App

1. There are actually two different applications:

Bingo Player

Bingo Manager

1. Bingo Player App
   1. Background

The App used for player to play in a bingo session

* 1. Description

Player with some player-id, requests to join a specific session of specific game {session-id,game-id}

If the result is “ok”, then player receives the board dimentions (width, height), and the specific text to display in each cell (there are width\*height cells).

The App should display now the board to the user

Note: App should be able to support user to participate in several sessions.   
 This not for first phase, but take it into design.

App enable user to press on the cells.

When user press on a cell, a “bingo answer” should be sent, with the information:  
player: {game-id, session-id, player-id} + answer: {x,y,cell-text}

The app will receive response: “ok” or “fail”

If “ok”, mark the cell as “answered” (color it or some other way).

If “fail” – display the failure somehow.

In the “ok” response user can get to more notifications:

“Winner”: true/false (nothing mean false)

“Finished”: true/false

If “winner=true”, mean the user is the winner of the session! do some nice image/music etc

If “finish=true”, mean user finished the session, although he is not the winner, because some other player finished earlier.

Note: There are several kinds of wins, which can be even when “finished=false”, and user can continue play and win another kinds of wins

Example: see presentation

* 1. API

API is REST Request/Response toward a server

Methods are GET / POST

Content data is with json format

The exact format will be added later

1. Bingo Manager App:

Background: used to create and manage bingo session (“manager” role)

Description: TBD

1. Terminology:

Bingo: The known game we create

Game, game-id: A definition

Session, session-id

Player, player-id: identification of end user player that participate in a specific session of specific game.

The player messages are identigied by {game-id, session-id, player-id}