## Game code needs to:

- Take API input and store into level array
- FUNCTION: Repeat for however many levels (3 if training, x if testing)
  - Select a random level from the level array
  - Store string attributes of random level
  - Take user inputted buttons and store into string attributes
  - o Compare random level string attributes against user inputted string attributes
  - Number of correct matches = number of accumulated points
  - Store accumulated points as score

## Mobile application code needs to:

- Take user button input
- SWITCH: Check users' input if continue button input (switch (buttonid)):
  - o If buttonid is (begin training) then open the training view
  - o If buttonid is (begin testing) then open the testing view
  - o If buttonid is (training\_continue) then open the next training view
  - o If buttonid is (testing continue) then open the next testing view
  - o If buttonid is (button input continue) then continue to score view
- IF view is (button\_input\_training\_view OR button\_input\_testing\_view)
  - o Receive button input
  - o Convert button ID into button string attributes
  - Send string attributes into game code function
  - o Receive score value