

# SCAVENGER HUNT GAME USING BLE BEACON

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# Introduction

- In this project, we developed a mobile Android application which is named as the "Scavenger Hunt Game".
- The application is formed with the BLE Beacon devices and the mobile application.



# Problem

- People have daily responsibilities. Even with the existence of these responsibilities, people can feel bored and tired.



# Problem

- Competition is also important for some people. These people want to compete with others.



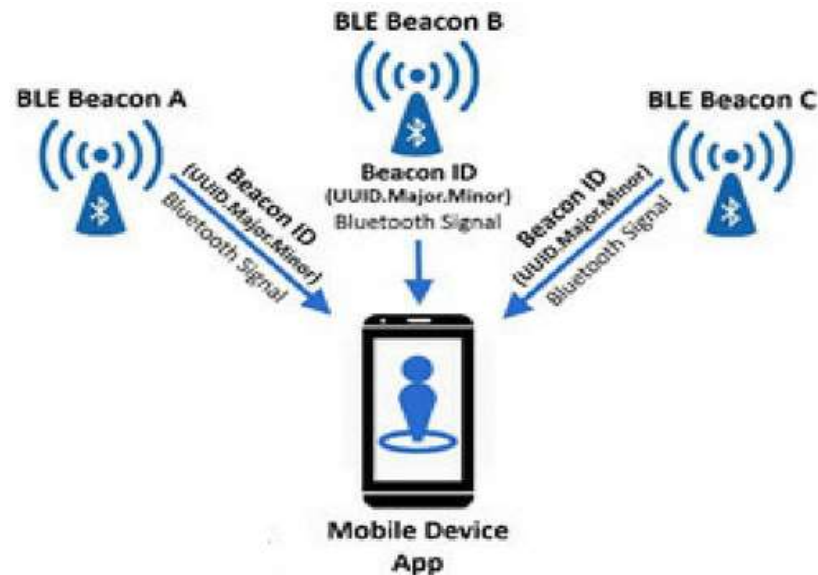
# Problem

- There are differences between people. People do not have same characteristics.



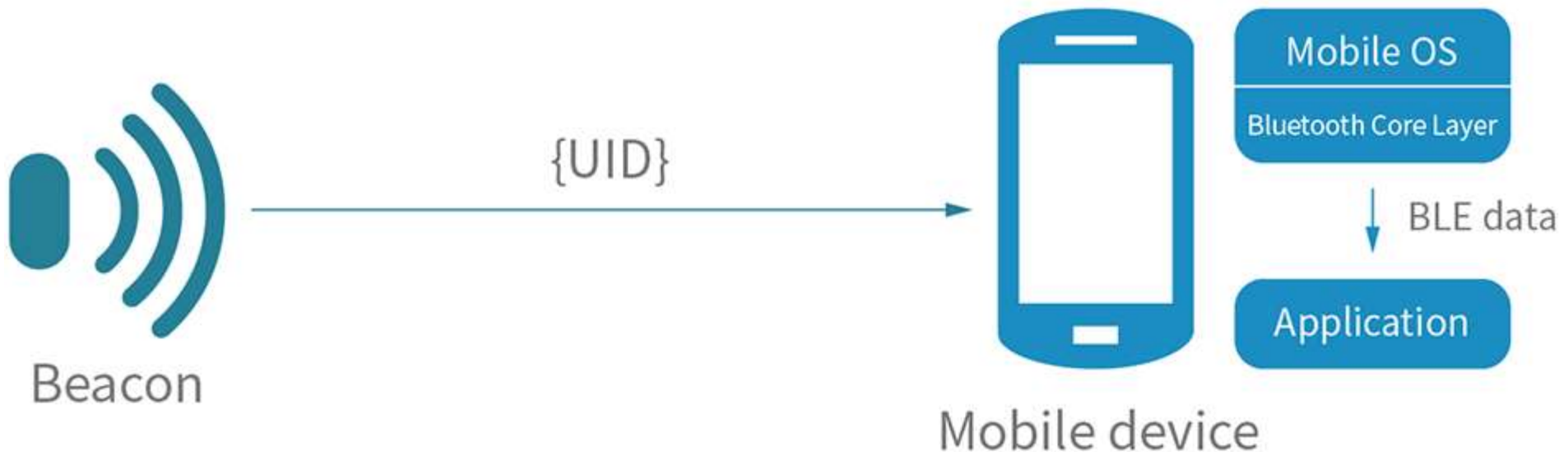
# Solution

- In this project, we are using Gamification, BLE Beacon and Android technologies together.



# Solution

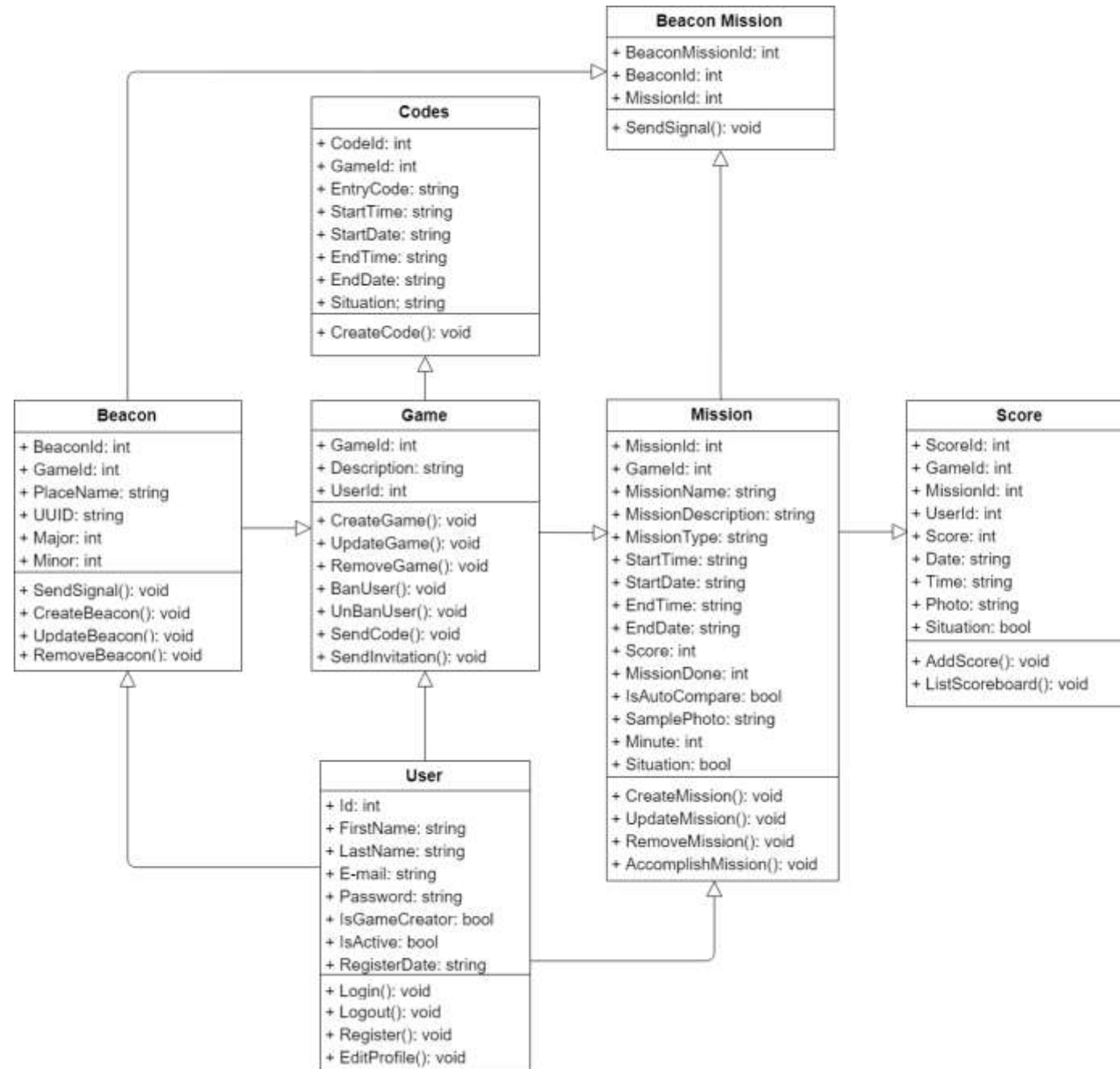
- BLE Beacon is a technology that provides location information using low energy Bluetooth signals.

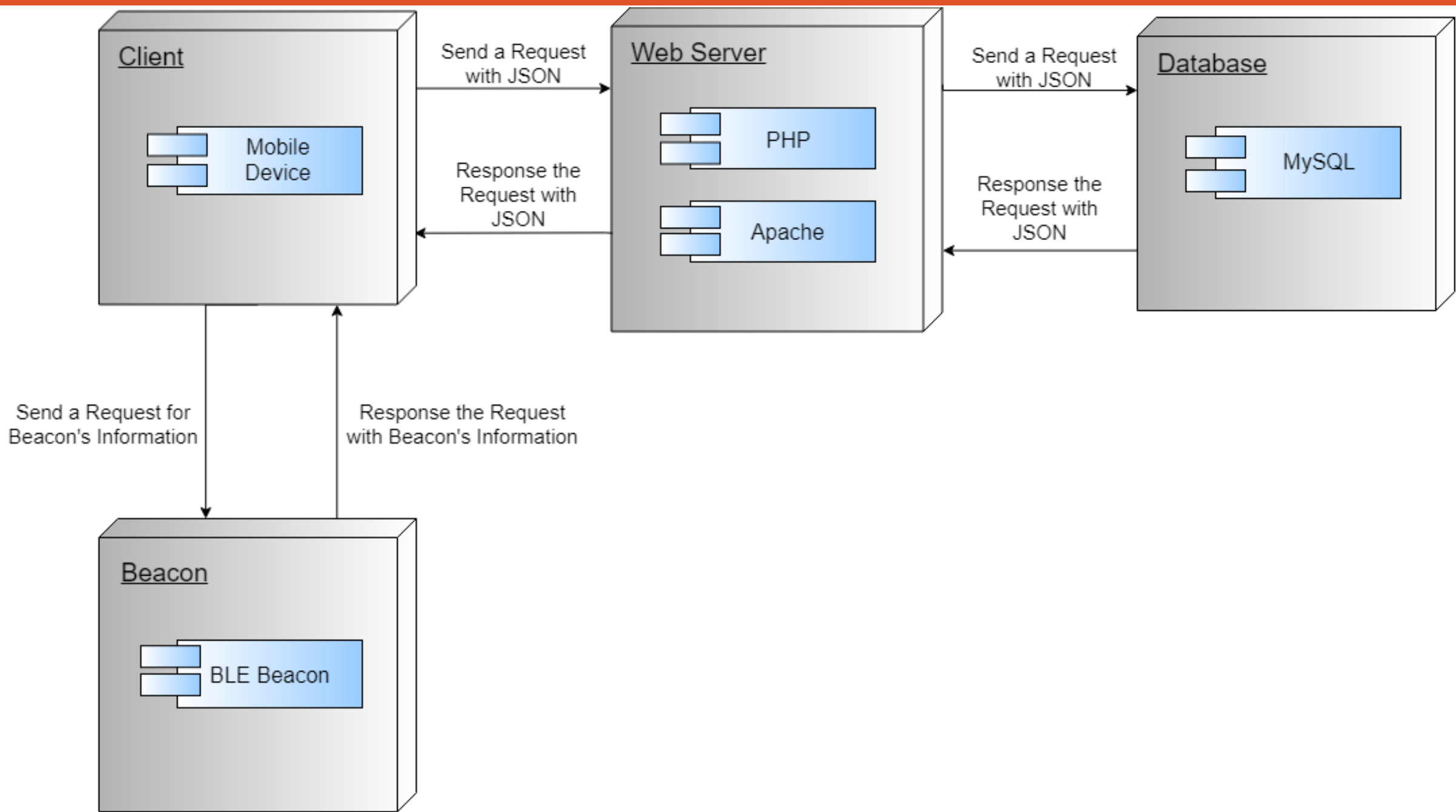


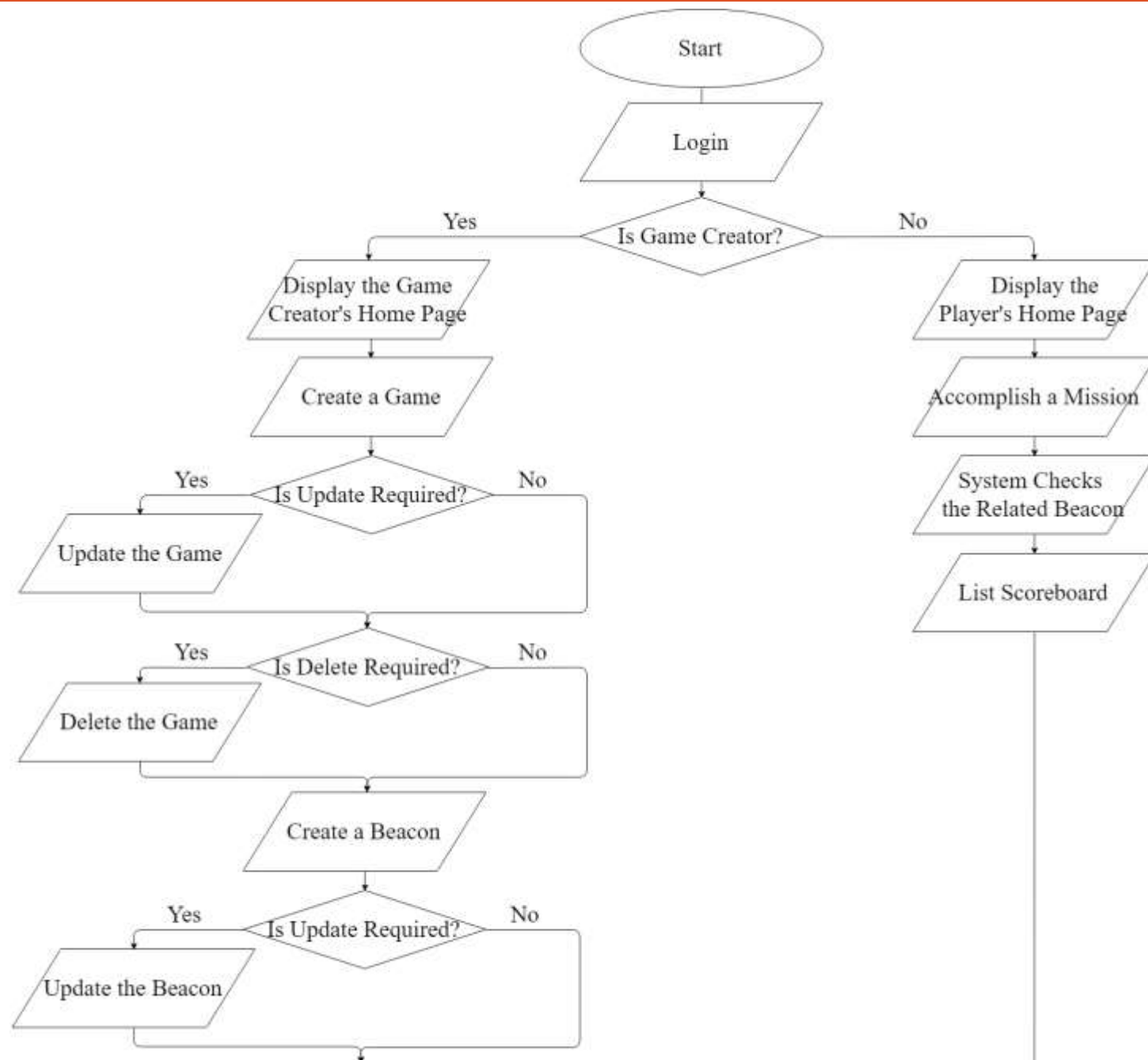


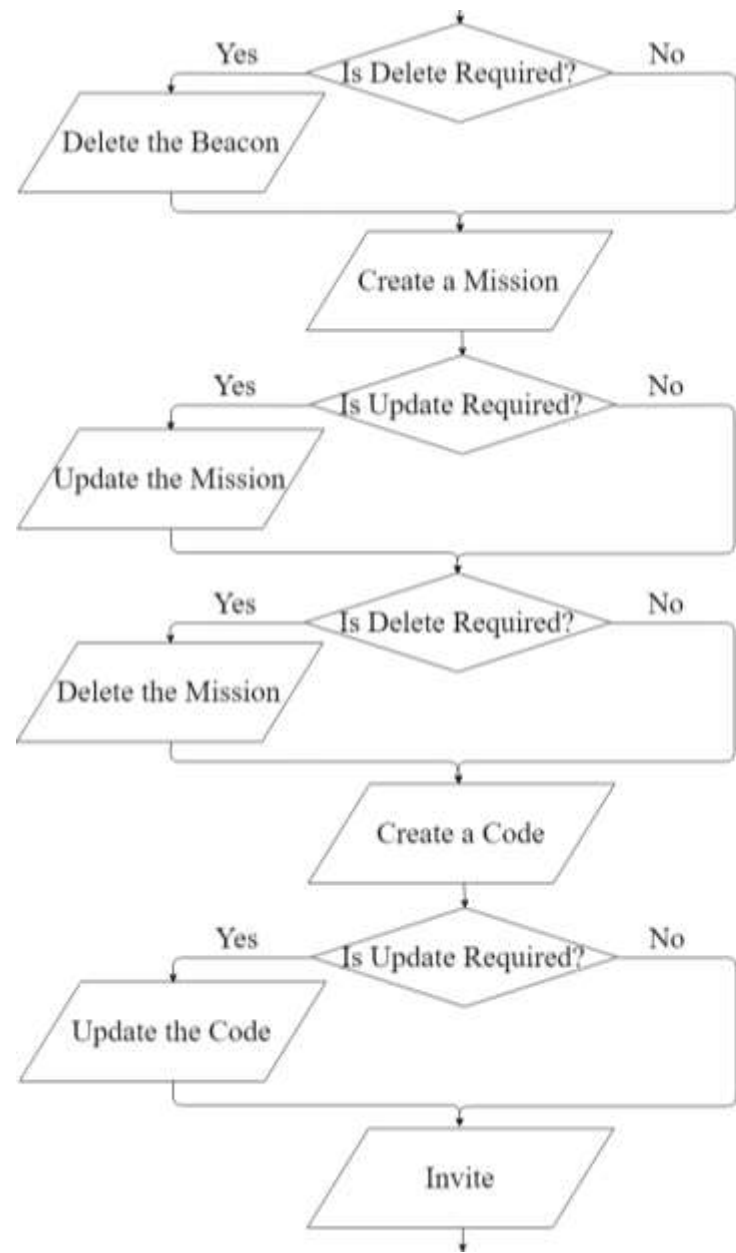
# Solution

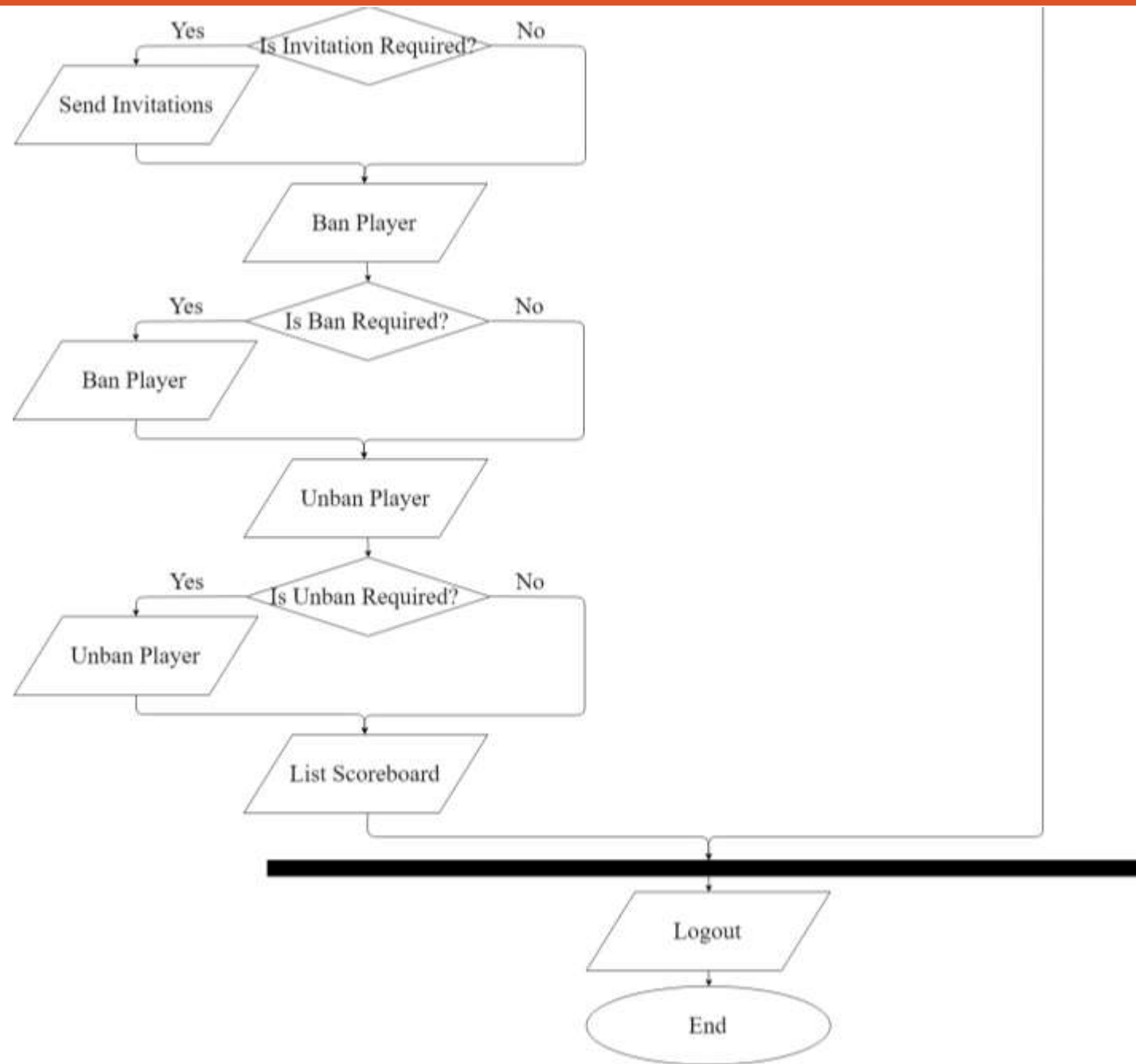
- Gamification is the process of adding game elements to something you want in order to change the tendencies and behaviors of people.
- This application is developed for the devices with Android operating system version 7.0 and above.
- We used MySQL as database phpMyAdmin for managing our database.











# Test Results

Priority	Number of TCs	Executed	Passed
H	55	55	55
M	14	14	14
L	-	-	-
Total	69	69	69

# Conclusion

- We aimed to create an enjoyable and competitive application.
- We studied about BLE Beacon, Gamification and Android technologies to generate our project.





Thank you for listening!