This section describes the final outline of our software project by detecting the software Requirements

and chosen framework.

From analyzing all the previously gathered data, we finally found the following:

1. User Requirements

Functional Requirements

* 1. All users Shall be able to make an account.
  2. All users Shall be able to Login with his/her account.
  3. All users Shall be able to logout from the app.
  4. All users Shall be able to delete his/her account.
  5. All users Shall be able to edit his/her account.
  6. All users Shall be able to track his/her achievements.
  7. All users Shall be able to track his/her progress of the game.
  8. All users Shall be able to collect points from passing the levels.
  9. All users Shall be able to spend his/her points on buying games or avatars.
  10. All users Shall be able to download his/her achievements.
  11. All users Shall be able to upload his/her personal image.
  12. All users Shall be able to change his/her wallpaper.
  13. All users Shall be able to play games.

1. System Requirements

Functional Requirements

1) users of the system shall login to the application with their username and password.

2) Verify user is a function applied by sending verification code to the mobile.

3) each level of the game that user pass, he/she will get a reward in form of points.

4) users can spend their points in the app.

5) calculate the progress of the user.

6) collect achievements.

Non-Functional Requirements

1. Performance
   * the system shall response in few seconds and it has more than one throughput .
2. Usability

* the system has only one view, user view which can play games

1. Security :

* Transaction data must be transmitted in encrypted form.
* No one can have the same username of any other user each one has his own.
* The system send message if you enter a uses username.

1. Supportability :

* The system application will run start from android 6 and above also on iOS 10 and above