# **GAMIFAD HACKATHON**

**TECHNOLOGIES:** *HTML5, CSS3, JS, JQuery, Angular JS, Bootstrap, JSON, Any Other CSS and JavaScript Library*

**Note**: Participants can make use of any open source CSS, JavaScript library. Goal is to render the UI seamlessly in all devices across all platforms. A proper documentation will do a world of good if provided.  
When it comes to evaluation we consider the code breakdown, size of code and the final result of course mainly.

1. **Calculator Application :** *(Task1.jpg)*

Create the responsive UI with proper functionality of the calculator as shown in the image (task1.jpg) below.

1. **Math Fun***: (Task2.jpg)*  
   A simple mathematical quiz web application to build for. Participant will be given 30sec for each task as shown in the given image (task2.jpg).When the timer runs out app will display the next task. The logic to generate the task should be done using JS/jQuery/AngularJS any other java script library. There are no predefined set of tasks or any database attached. Tasks should be generated on the fly.   
   When user submits the answer app evaluates and shows the consolidated score in the sidebar.  
   When the user opts to end the quiz it should show the score along with some basic analytics such as the average time taken for each task and the accuracy and all.
2. **UI Design1** *(Task3.jpg)*
3. **UI Design 2** (Task4a.jpg or Task4b.jpg)
4. **Typing practice application using Java script**
5. **Color Confusion game** (Task6.jpg)
6. **Image Puzzle** *(Task7.jpg)*
7. **Snake Game (Traditional old mobile snake game)** *(Task8.jpg)*
8. **Oauth2 Usage** *(Login with G+, FB, Twitter)*
9. **Solar System Simulation** *(Task10.jpg)*
10. **Any Angular JS Single Page Applications**
11. **Any Java Script based game**
12. **Any Hybrid Mobile Application**

**Ref:** *(Windows10 Calculator, Shutterstock)*