

PROBLEM STATEMENTS

Select any one of the three problems.

Problem 1 : Make an android app which takes and saves the photos on the change of orientation of device.

Problem 2 : Design an android app to manage collection of apparel, board games, books, gadgets, movies, music, software, tools, toys, video games. The app must include features like :

1. Ability to add items manually.
2. Ability to add items from internet.
3. The ability to multiselect items for tagging, rating, deleting, e.t.c
4. The ability to add items to a wishlist.

Problem 3: Make an android app to help runners, joggers, and walkers of all ability levels and ages. App must start as soon as start button is pressed and must include :

1. Calculation of distance.
2. GPS Route Mapping .
3. Mileage Calculation.
4. Calories burnt.
5. Voice prompts that give you updates on your progress as you go.
6. Compete on local Courses: receive automatic achievements and overall rank on Leaderboards for popular local runs and rides.
7. Tracks in the background so you can listen to music, take calls, and use any other feature of your phone, while still tracking.
8. Voice prompts that give you updates on your progress as you go!

Rules And Instructions

1. All Participations can come in the team of **three or less**.
2. All applications should be based on Android devices based on API 4 – 18.
3. Don't use any previous code. If you get caught, you will be disqualified from the contest.
4. You may take an idea from other sources, any other app idea other than given may be considered, given, that idea is confirmed with us.
5. Send the details of your team with your registration usernames, design and features of the idea you are working with at- **ifest.mad@gmail.com** .
6. Prize will be awarded to the team as a whole, not individually.
7. Last date of submission is- 27th september, 2013.
8. You can always refer to <http://developer.android.com>
9. You can surf the web and find many tutorials and their blogs.

Note : Its compulsory for the participants to register on the website first.