***SportUp***

**Abstract**

Sports events are organized in many schools every year. However, schools keep track of the awards given to students manually. Moreover, many inter-school tournaments are held every year. The results of such tournaments are again not available for analysis. Thus, we propose to implement an android app to help schools keep track of the various sports events/results of various events which get organized in a region. Once registered, a school can post events, it can also view events being conducted by other schools, keep track of the performance of its students in various events and also compare its students' performance with students from other schools in the region. The proposed app can encourage schools to take up sports seriously which is the current need as is evident from the dismal performance of indians in various international sports events. This app can also help track raw talent in our village schools, which often goes unnoticed. We propose to use Android Studio IDE to build the android app and Flask web development framework for the backend.

**Introduction**

India is a country of villages. It is a fact that villages are the place where sportsmen can be easily spotted. However, schools in india, especially in villages are not serious about sports. Although many sports events are organized in schools and many inter school tournaments are held, there is no systematic tracking system to keep track of the performance of schools. Many a times it so happens that a raw talent in a village school can go unnoticed due to unsystematic management of such events. An application to help schools organize such sports events, keep track of its students' records, compare student performances etc is the need of the hour to encourage sports in schools.

**Motivation**

The dismal performance of indian athletes in olympics and other international sports events is a sign that something is wrong at the grassroot level, that is, schools. Schools do not generally encourage sports. Even if they do, they do not help students pursue sports like they pursue students to study. This is our motivation to build an app to help schools and other authorities recognize sports talent in students when they are in schools, so that they can be groomed to become good athletes.

**Objectives**

* To help students conduct sports events
* To help students and schools to compare their performance with others
* To help recognize hidden sports talent in students especially in rural areas.

**Problem Definition**

To build an android app to to help schools keep track of the various sports events/results of various events which get organized in a region. Once registered, a school can post events, it can also view events being conducted by other schools, keep track of the performance of its students in various events and also compare its students' performance with students from other schools in the region.

**Software Requirements**

* Python based web development framework called Flask
* SQLite database
* Android Studio
* Java 7+

**Hardware Requirements**

* Smartphone with android (min JellyBean)