Project Proposal: [SportsLover]

Background

Most people love all kinds of sports. But sometimes, especially when people get into work, they are not so often to have enough available friends for normal or extreme sports. There are kinds of sports forums now but no real outside sports mapping e- community. SportsLover is a website that focus on matching people who want to have a sport at sometime to go out for sports together. People can be mapped to groups with specific sports plan and join them, or search for some sports places and events information to schedule a sports plan by themselves for sports fun.

Objectives

Basic Features:

- **Sports Plan Group**
  Users can create a specific sports plan with specific sports item, date and hour range, estimated cost for the sports event, group people number, and basically introduction of the event. Users can also join a group with the plan they are interested in and the time suitable for them. When the user is interested in some group plan, they can send request to the group owner and wait for join. After request approved, people in this sports plan group would be in a chat room for more information communication. After the sports event, they are informed to rank the place they have play sports in and provide photos or other comments if they want.

- **Search for Group**
  In the front search main page, user can search for nearby sports places, most popular sports place when hanging out for casually read and search without a specific plan in mind. For specific search, they can search specific matched group posts filtered by sports item, dates range, and expected expense. Then the group list page provides all kinds of with order by dates and hours, sports content or classification, expense. There is also a map in the search page with pins as group plans in some sports places. Once user enlarge the map and click some specific sports place they are interested in, they can click the pin and find sports group posts who are still welcoming sportsmen and sportswomen to join.

  Also in the bottom of the search page, SportsLover provides Google map search for sports and address information user want to know if necessary.

- **Sports Relative Information**
  Every time the group creator create a group plan, the sports place he/she chooses, the sports item, and classification of this item would be added into the sports place and event page. This page can give you all kinds of aggregated information about the sports events and places with ranks sports attenders give.

Techniques

Backend: Django, Django Database
Frondend: Angular etc.
CSS / UI libraries: Materialize (e.g. Bootstrap, JQuery)
API: Google Maps API, iflychat API for chat room

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