



Team Name: Hoop Finder

Team Members: Ben Morrison, Jordan Grose

Hoop Finder is an online platform where people can find nearby basketball courts and schedule a game of pick-up ball with others in the area. Visitors will be required to create an account using a form (using HTML/JavaScript/CSS/PHP) on the homepage. Members will provide necessary information (name, contact email, location, basketball skill level, etc....) that will be stored in a back-end database, and accessed when they schedule a game (using MySQL & PHP). A map will be used to show the location of the scheduled court of interest to members, relative to their location. Information on the location of public and private basketball courts is available on websites such as <https://www.courtsoftheworld.com>. By either using RSS and XML, or having members locate and save basketball court locations themselves,

Hoop Finder will access these locations and display the courts in the area of the user on a map, along with any games (vacant or non-vacant) that have been scheduled there using Hoop Finder. Once a game has been scheduled, that game will have its own site, on which players can chat within a chatroom (API), befriend other players and make teams. As members develop a network of other basketball enthusiasts in their area, they will be able to invite each other to potential games.