

# Velociraptor

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## Executive Summary

Sports teams typically have players spread out over a very large area. Because of the lack of daily contact, communication with players can be difficult.

Velociraptor is a sports website that allows captains or coaches of teams to quickly contact all of their players. This website contains a built in Google maps function that allows players to see the exact location of practices and games.

This website also contains a “whiteboard” that allows team captains or coaches to write plays. The coach or captain should also be able to upload videos or images of plays.

Velociraptor also contains a message board in which players of the same team can chat with each other.

Finally, Velociraptor should give individuals on the same team different levels of access to the team. For example, the coach or captain for a team should have the “highest” level of access and the water boy should have the “lowest” level of access. Individuals with the highest level of access should be able to manage the team account with this website.

## Use Case 1: Rugby Team

Bill and Joe are the team captains for their universities club rugby team. Because they belong to a small university, they have decided to combine their team with another local club team nearby. Since they will not be able to see their teammates on a daily basis, the captains want to be able to convey new plays to their teammates before practice actually starts. Using Velociraptor, Bill and Joe are able to create a profile for their team in this website which all of their team members can access. Bill and Joe are able to upload video plays to a single location which all of their players can see. Bill and Joe also use the whiteboard function in Velociraptor to write plays.

## Use Case 2: Professional Frisbee Team

The Rochester Dragons is a professional ultimate Frisbee team in Rochester. This professional team has college players that attend universities across the Northeast. Because this professional team is so spread out, the practice locations for this team periodically change. The coach for the Rochester Dragons wants to be able to quickly update his players of practice changes. The Rochester Dragons coach creates a profile for his team in Velociraptor. Using Velociraptor's built in Google maps, the coach for this team is able to quickly update his players of practice changes.

### Required Technology

1. Database: MySQL to manage team data
2. Ajax: To allow for team message board
3. Web Service: Google maps allow coach or captain to post game and practice locations
4. Multimedia: Upload images or videos of plays to teammates
5. Design and Evaluate: There should be different levels of access. Coach or captain should have a "higher" level of access than players
6. Accessibility: Screen reader friendly