# Racquet.com Proposal

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Introduction

For our project we would like to emulate the popular mobile application called Yik Yak. Yik Yak is a social media app where users can post anonymously to a feed based on their geolocation. Yik Yak users are limited to only posting text to the feed. We propose take this concept a step further by adding the ability to post pictures to the feed.

A major differentiation between the actual app Yik Yak and our application, is that Yik Yak is a mobile application, whereas ours is a web-based application. This means that certain features may need to act differently. For example, when using Yik Yak, a user can post anonymously without creating an account for the application. This is because Yik Yak can identify a user by the device that they are posting from and auto assigns them a hidden username. Since we are a web-based application we will have no choice but to require a username and password. Without this, we have no way of tracking a user’s posts. With this in mind, the posts will still be anonymous on the feed.

The overall goal of the system is to provide users with a web-based experience that emulates the mobile application Yik Yak, with the additional feature of the ability to post pictures to the feed.

Object Model

Account – email, password, currentLocation, List<Post>

Feed – List<Post>

Post – Account, Time, postData, currentLocation

Use Cases

User Logs in to the system and creates a post

User Logs in and views feed

User Logs in and Comments on and/or upvotes/downvotes a post

User Logs in and views his/her posts. Once viewing one’s own post, there is an option to delete the post.

Implementation

We will implement this project using Ruby on Rails. Our data store will be a SQLite3 database. We will be source controlling our project on Github.