

# Development of a more Functional User Profile

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## Introduction

Pathlete's college athletic recruitment system needed additional profile functionality common to most social platforms.

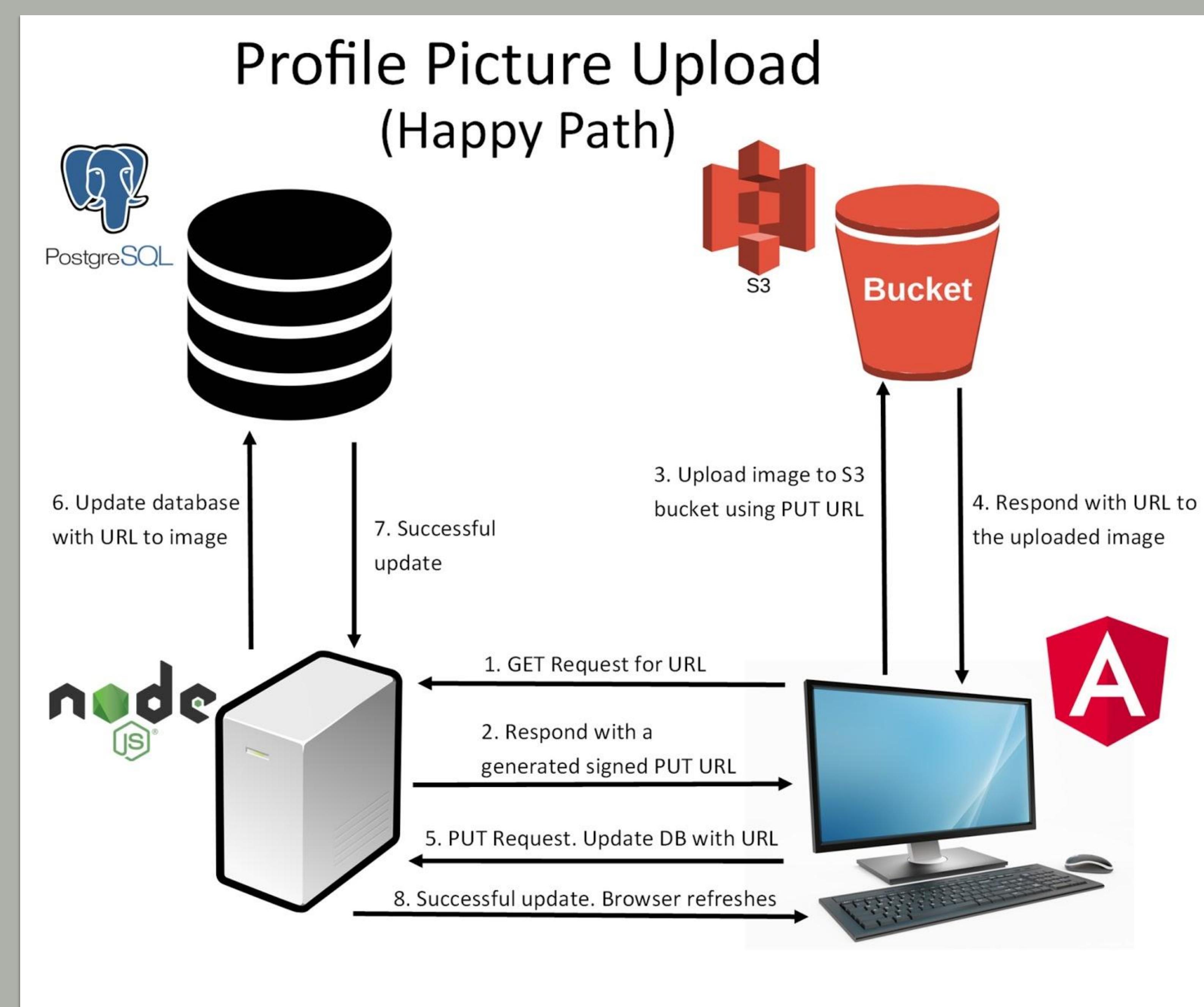
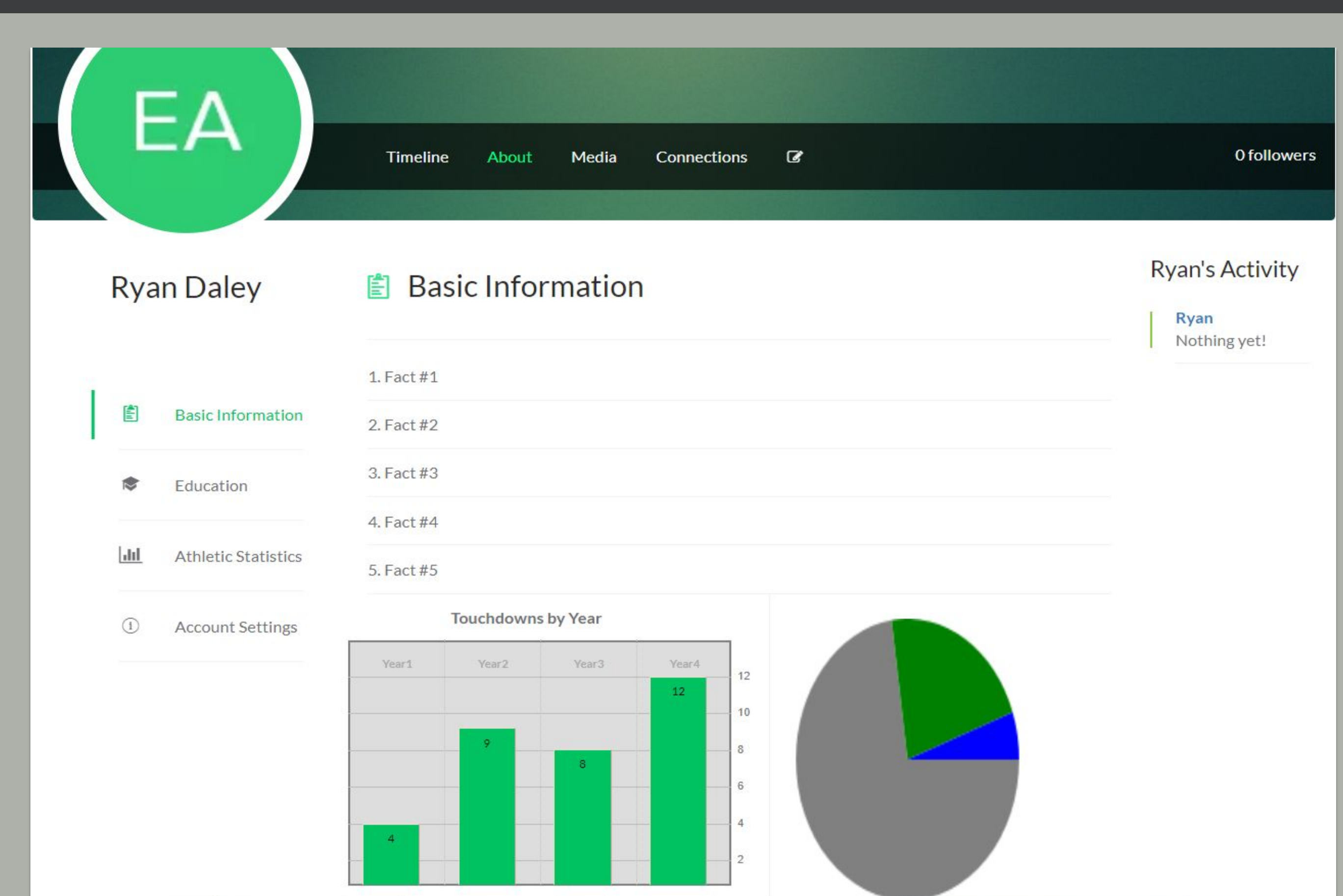
- Relevant athlete statistics and information displayed on the user's profile
- Creating text comments on posts on a user's feed
- The back end functionality for image uploading

## Athlete's About Page

We enhanced the profile page to offer a way for athletes to personalize their page and represent themselves to recruiters. This is crucial for an effective recruitment process.

### Implementing the about page:

- Database tables to hold athlete information
- Server API to retrieve/add info to the database
- Server routes to process http requests and call API
- Four sections - "Basic Information", "Education", "Athletic Statistics", and "Account Settings"



## Image Uploading

We implemented the functionality for image uploading. This enables users to change their profile pictures and add pictures to posts and comments.

**Implementation:** Reduce burden on the server by uploading image directly from browser.

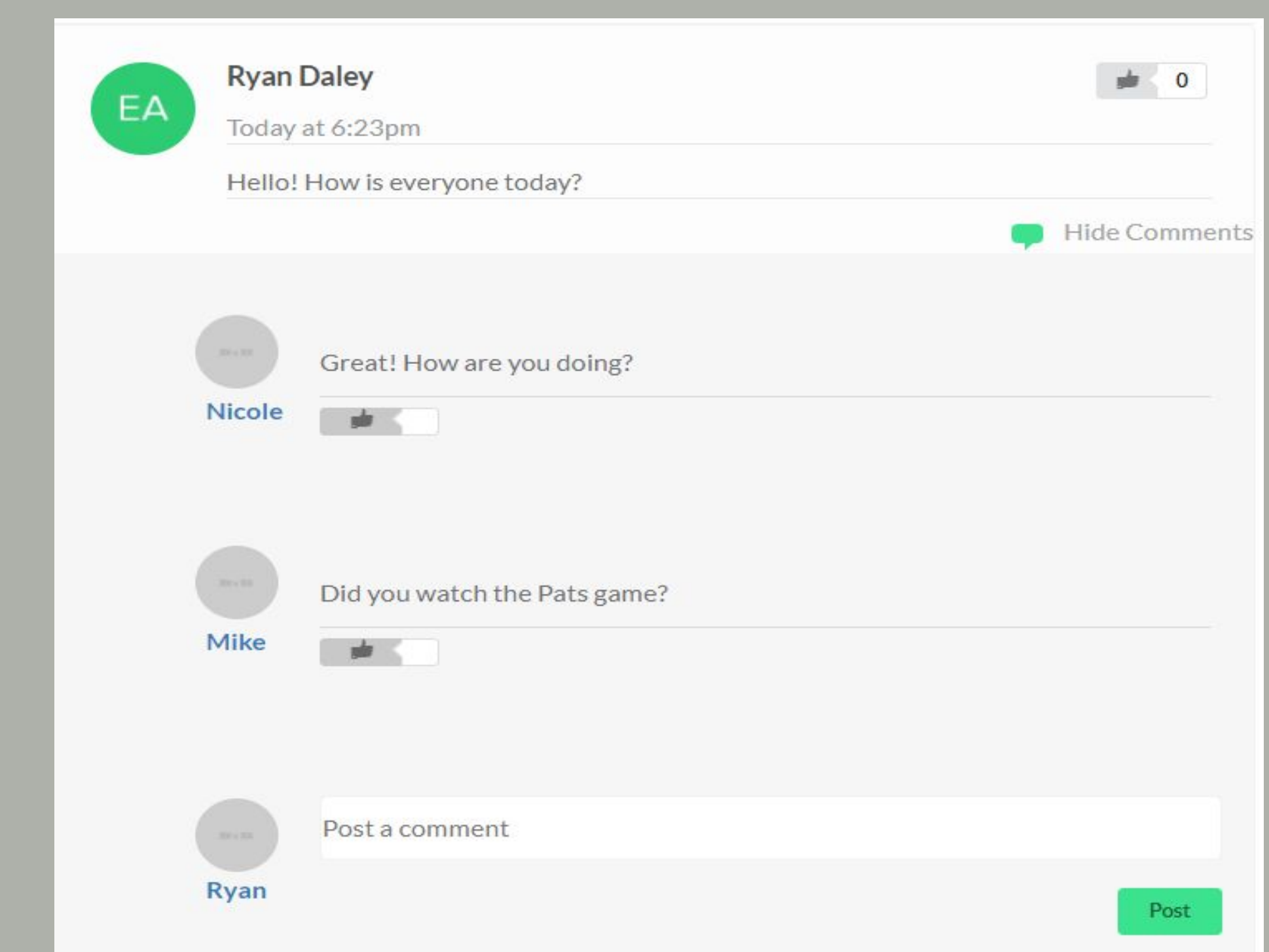
- Pictures stored on Amazon S3
- Database holds onto URLs to the images
- NodeJS server uses AWS-SDK to generate a pre-signed URL with S3's access & secret keys
- Browser uses pre-signed URL to directly upload image

## Text Comments on Posts

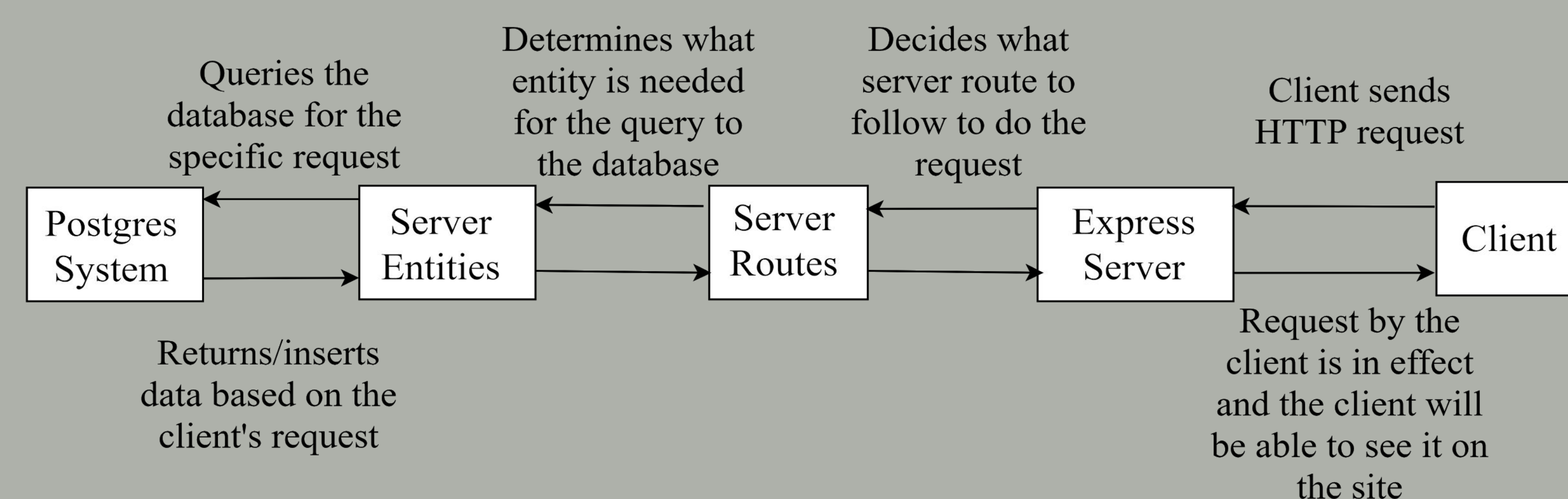
We designed and implemented a comment system so now users have the ability to interact with each other on users' posts.

### Implementing the comment system:

- PostgreSQL database tables for comments and comment likes
- Server API to query database add or retrieve comments
- ExpressJS server routes to process http requests
- Front end - Angular components



## General Client-Server Interaction



## Future Work

- Uploading images on a post or comment
- Basketball statistics (as well as other sports)
- About page for coaches