

# Jehova's Fitness Web App

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# Description

St Louis-based Personal Trainer Jeremy Genin has compiled an extensive library of motivational and instructional videos on YouTube to complement his practice. He is interested in an application that will release his videos to clients on a time schedule and help to track their progress as they lose weight and achieve the physical fitness results they desire.

This application will allow him to organize his video library and set release time as well as track biometrics for his clients.



# Features

- Administrators may browse YouTube for video content and select videos to add to a list and include a “dates to release” field.
- Users can log in to personal accounts that will track biometrics and registration date which will be used to determine available video content.
- Personal Trainer will be able to track progress of users that have chosen them as a coach.



# Planning - User Stories

- Admin can select videos to include in database with release time.
- Users can log into individual accounts that track biometrics
- Users registration date will determine video content release
- Users can select coach allowing access to biometrics data for training purposes



# Planning - Database

## Model classes/DB

- ApplicationUser
  - Standard email, username, password with hashing
  - Additional personal and biometric data
- Video
  - Stores URLs for videos and Thumbnails from YouTube
  - Time-to-release to manage availability



# Technology Stack

- C#
- ASP.Net
- MVC
- MSSQL
- YouTube search DLL
- Bootstrap



# Demo



# What I Learned

- Using Pivotal Tracker to organize process
- Using YouTube Search DLL and manipulation of provided data
- Iframes for html and building src string
- Using Individual accounts for applications and setting user roles





# What's Next

- Email confirmation of user accounts - Best Practices
- Registration using Google, Facebook, Twitter
- Expanding on Fitness Functionality with user Activity and Diet Tracking
- Posting to social media to help reinforce clients personal branding

