

# Final Project Outline

## Riptide Martial Arts Academy website

Using the React framework, I will be creating a website for a Martial Arts gym. This app will include a member sign up page that will take in new members information using a form, and will store that information into an SQL database. Existing members will be able to sign in and view their information. Once signed in, members will be able to sign up for an upcoming class using a scheduling widget. This widget will use the Google Calendar API to call information on the upcoming class schedules. Class schedule and attendance information will also be stored in the database.

- Pages
  - Landing/Main page will feature an overview of the gym including a brief description of class offerings. Top of the page will have a navigation bar and a signup/sign in form.
  - Sign up page will have a form that will take in new members information and have them sign up for their first class.
    - Member's individual information will be stored on a SQL database. Store information will include: Members names, date of birth, age, email, start date, belt rank, number of classes until rank up, will all be stored in the database.
  - Members page where existing members can track their attendance and progress.
  - Contact info/Location page will have a form where potential leads can ask for more information regarding classes.
  - Schedule page (with current calendar widget). Once signed in, members can select the date and time of the class they wish to attend.
  - Instructors page that will include a description of the instructors and their qualifications.