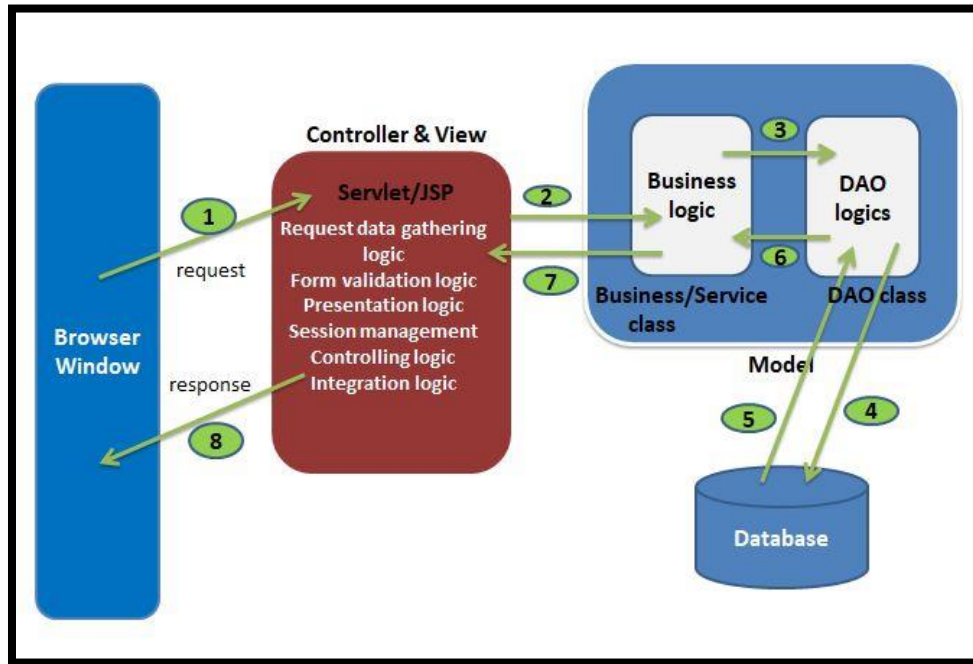


Design & UI

Architecture

We will be using Model View Controller (MVC) architecture for this project. The controller layer will consist of a service layer, DAO layer, and database access.



Technology

- Frontend
 - HTML/CSS/JS + Bootstrap Framework
- Backend
 - Java and its supporting Libraries, Tomcat, Maven, MySQL
- Testing
 - Mockito & JUnit

Data

- Databases
 - Event (League, Tournament, Camp)
 - Event ID (Primary Key)
 - Event Title
 - Registration Code
 - Event Type (League, Tournament, or Camp)
 - Camps are Individually Registered
 - Leagues & Tournaments are 7 vs 7
 - Location (Address to Sports Facility)

- Sport
- Gender
- Date
- Time
- Registration (Individual)
 - Event ID (Foreign Key)
 - Individual Name
 - Individual E-mail
 - Individual Phone Number
- Registration (Team)
 - Event ID (Foreign Key)
 - Team Name
 - Captain E-mail
 - Captain Phone Number
 - Team Member Names (7 Names Required, Optional for 2 More)
- Admin Accounts
 - Admin Username
 - Admin Password
- Contact Us Submissions
 - Name
 - Email
 - Description/Question/Suggestion

Coding Standards

For this project, we will be using underscores as our naming convention. We will short functions and will stay away from hard coding. Other practices include capitalized SQL Queries and special words as well as function headers (inputs, outputs, rationale). We will also ensure that we write comments that guide the user through the file. Only code with unit tests and at least 60% coverage will be committed. We will also be constantly “stress testing” to see the bounds of our program. Client approval must be solidified before any major structural changes. We will be making frequent small releases in order to maintain agile principles.

UI - Webpage Mockup



*the blank space in this
container will be filled
out media *

[Home](#)[Register](#)[Calendar](#)[About Us](#)[FAQ](#)

media

media

media

(contact us
if you have any
questions)

We're Playing It Safe.

Our "Return to Play Safely" protocol helps ensure getting back to the fun does not come at the expense of safety. [Learn more.](#)

The Way Youth Sports Should Be®

FIND A PROGRAM NEAR YOU

Get Code

Find Programs

FROM THE BLOG

Flag Football Basic Rules

JANUARY 22, 2022

How kids are playing flag football. There's a lot more to it than just running with the ball. It's a fast-paced, exciting, and inclusive sport. It's also perfect for families who want their young athletes to stay active.

[Read More](#)

11 Tips for Photographing Your Child in Youth Sports

JANUARY 18, 2022

It's a great memory, but it's also a challenge. Youth sports are full of action, and it's hard to get the perfect shot. Here are 11 tips to help you capture the best moments of your child's sports journey.

[Read More](#)

THE GAME PLAN

With over 2 million registrations in communities across the country, 49 Sports® is the nation's largest multi-sport provider. Located solely on high-quality, community-owned youth sports programs, 49 Sports offers youth sports leagues, camps and clinics for boys and girls aged 2 and up. In today's most popular sports such as flag football, soccer, basketball, baseball, volleyball, and more. To achieve our mission of helping kids succeed in life through sports, 49 Sports provides a youth sports experience unlike any other, meeting the importance of good sportsmanship on the field and in life. We are committed to providing age-appropriate instruction, making sports fun for kids, and convenient for today's busy families. To us, it's The Way Youth Sports Should Be.™

Pee Wees

Starting at age 8, the 49 Sports curriculum for our youngest age group is designed to grow with your child's developing skills and game play. For our Pee Wees, we focus on introducing your child to the sport while providing instruction through activities and drills that keep kids learning and having fun.

[LEARN MORE ABOUT PEE WEES](#)