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# Business Requirements

- BR1 - Provide an analytics platform for high school and AAU basketball statistics
  - This will provide statistical analysis for high school basketball coaches after a team submits a game to the website. When a team submits a game, an admin user will "break down" the film, providing the team with any statistics they will need.
- BR2 - Generate revenue by providing subscriptions tiers
  - The subscription tiers will give access to the base, default features, the higher the tier the more features customers will gain access to.
- BR3 - Advertising and sharing through a marketing platforming
  - This will provide the admin users to post blogs to provide news.

# Use Cases

- UC1 - Create an Account
- UC2 - Change Password
- UC3 - Edit Account Information
- UC4 - Create Team Roster and Starting Lineup
- UC5 - Edit Team Roster/Starting Lineup
- UC6 - Upload a video to the website
- UC7 - Watch any game in full or in play-by-play option
- UC8 - View generated full game report
- UC9 - View player's/team's overall or single game statistics
- UC10 - View shot charts for season or for single game
- UC11 - Annotate Game
- UC12 - Pay for Subscription

[Use Case Document](#)

# Functional Requirements

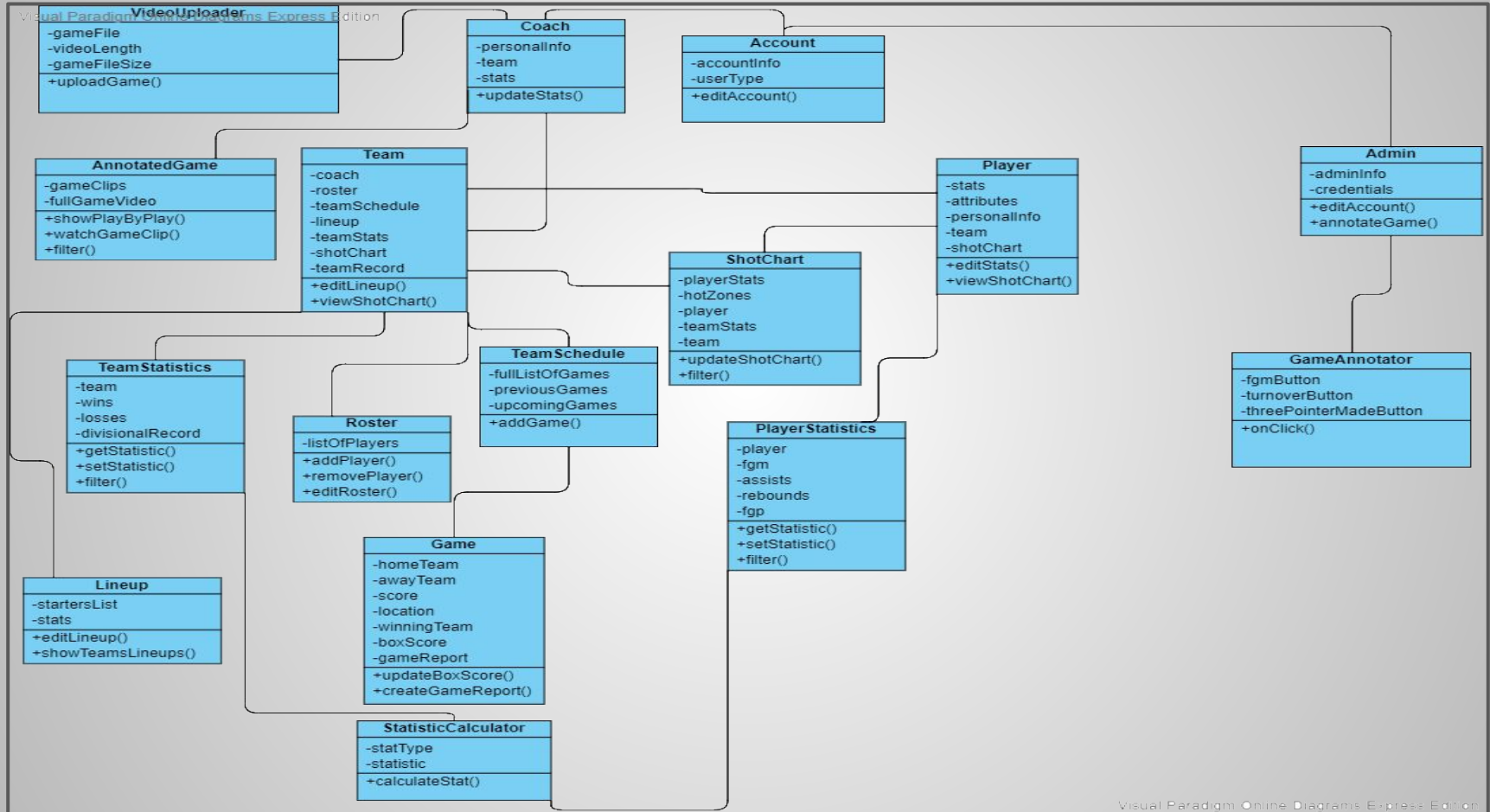
- FR 2 - Have the ability to direct you to the sign up page, request information page, and stats information page
- FR 6 - Allow users to upload their game film via a YouTube API
- FR 9 - There should be a backend homepage that allows admins to see every game that has been uploaded to the site.
- FR 12 - When you click on a game to break down, a page similar to the one below should appear. On the left side of the page, there should be the video and the right hand side should have “buttons”

# Non-Functional Requirements

- NR 4 - Allow teams to securely login to the account
- NR 7 - This needs to allow users to enter their name, school, and email, along with a text box for their questions. These messages should go straight to the company email.
- NR 19 - Allow teams to see in a list format all of their games uploaded to the site.
- NR 29 - Allow users to watch their film back - HIGH PRIORITY

[Full Requirements Document](#)

# Domain Model

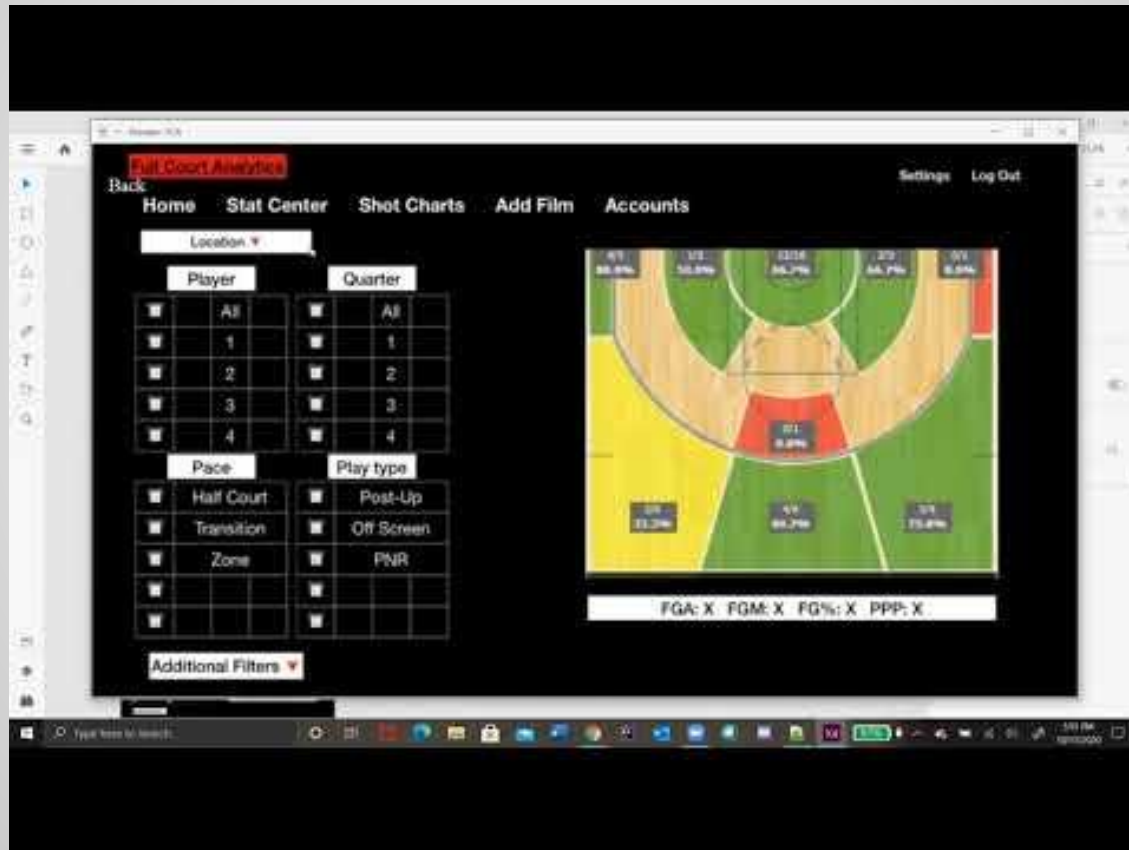


# Tech Stack

- **React**
  - Front End Framework
- **Node.JS**
  - Server Management/Backend
- **MySQL**
  - Database Management
- **Slack**
  - Communication tool
- **Zoom**
  - Communication tool



# Prototype





# First Iteration Features

- FR 6 - Allow users to upload their game film via a YouTube API
- FR 9 - There should be a backend homepage that allows admins to see every game that has been uploaded to the site.
- FR 13 - Every single possession in a basketball game will have its own "possession description" associated with it.
- FR 14 - Each button will change the stat relative to it in the possession description.
- FR 21 - If you click on a game, it should take you to the Video Playback page for that game.

[First Iteration Board](#)

# Mentor Feedback

- Business Requirements were too specific
- Added a new Use Case and Non Functional Requirement
- Talked about some React stuff, and how long that will take us to get familiar with the frameworks
- Discussed scope for the first iteration

# Client Feedback

- Josh said he likes how everything looks so far
- Josh showed us what his home page wants to look like
- We discussed plans for first iteration plans

# Interesting Slide

Jacob's dogs

