Fantasy Sports is Our Whitelabel solution that helps you launch your first fantasy sports website/app in a matter of days that too with minimum investment. We also provide troubleshooting for your existing web/app solution, If you already have a platform of your own but face performance or scalability issues, especially during popular sporting leagues, we are here to help you.

Now let's move to Fantasy Sports Infra Architecture, you can see our Architecture Diagram over this link Fantasy Infra Architecture Diagram.jpg

We created Infra on AWS cloud. You can go to this link for more detail Fantasy-terraform.

After creating Infra you will see that all resources are created and those are mentioned in terraform code. Refer to this document for a better understanding of what resources are created for what purpose Fantasy Deployment.

Now it's time to Deploy microservice for the project we Deploy microservice using Helm because helm is a package register and it helps us to make our deployment process fast you can follow this doc for the configuration of the helm and how to deploy it Configuring helm chart and update helm chart - fantasy.

We also use Lens because Lens provides us with all the information you need about a cluster to manage it. You can follow this doc to setup it up DevOps Setup - Fantasy.

To monitor our microservice we deploy a Monitoring Stack which helps us to monitor Traffic, Load, Request, Error, and many more things you can refer to this doc for the deployment of the monitoring-stack Monitoring-Stack Doc.

For automatic code updates, we use Jenkins which is a popular open-source tool for CI/CD (Continuous Integration and Continuous Delivery) which means if you update your code it will automatically change its live site this helps us to save time and focus on other tasks you can refer this doc for better understanding of Jenkins Jenkins Installation : docker, ubuntu, eks cluster.

Recently we have added a new tool Istio which is a service mesh that helps our microservice to communicate internally using Grpc Protocol you can refer to this doc for more information about it Istio doc for installation and setup.