AEROAPP

AERONAUTICAL DATABASE EDITING APPLICATION

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DESCRIPTION

- Commercial air navigation service providers and their government counterparts often supply their analysts with software that wasn't designed with their input. The databases used to store aeronautical data are also designed by architects that don't understand the data or how it's used. The AeroApp seeks to combine aeronautical analyst production workflow insight with a one-feature-one-time database architecture solution.

FEATURES

- Spring Boot User Interface

- Anyone with a valid username and password can access the program via Spring Security

- Users can add, modify, or delete aeronautical data as required by government sources

PLANNING – USER STORIES

- Users can log in and remain loggin in with an authenticated session

- Users can see a list of waypoint records

- Users can add new waypoint records

- Users can edit individual waypoint records

- Users can delete existing waypoint records

PLANNING – DATABASE & MODELS

Classes/Tables

- Wpt

Lookup Classes/Tables

- IcaoRgn
- Datum
- LocalDatum
- CoordAcc
- UsageCd
- WptType
- WptRvsm
- NameIndicator
- ArincRgn

TECHNOLOGY

- Java
- MySql
- Hibernate
- Thymeleaf
- Gradle
- Spring Boot Framework
- Spring Security

DEMO

WHAT I LEARNED

- More Java!

- Database Design

- Spring Security

- Google Maps API

WHAT'S NEXT

- Defined Roles

- Airports

- Navaids

- Data Ingest

- Product Output

- Search