HOW TO RUN THE SOCCER TICKETING SYSTEM (Spring Boot + Frontend)

PREREQUISITES (Must be installed first):

- Java 17+: https://adoptium.net

- Eclipse IDE for Java Developers: https://eclipse.org

- Python 3: https://python.org

Step 1: Download the Project Files

- You should have a 'ticketingsystem/' (backend) and 'frontend/' (HTML/CSS/JS).

Step 2: Import Backend Project into Eclipse

- File > Import > Maven > Existing Maven Projects

- Select the 'ticketingsystem' folder and Finish

Step 3: Configure Application Port (Optional)

- Edit 'src/main/resources/application.properties'

- Add: server.port=8081

Step 4: Run the Backend

- Right-click TicketingsystemApplication.java > Run As > Java Application

- Wait for 'Started TicketingsystemApplication'

Step 5: Prepare the Frontend

- Place index.html, scripts.js, style.css, etc. in a folder named 'frontend'

Step 6: Start a Local Frontend Server

- Open Command Prompt:

  cd C:\Users\YourName\Documents\frontend

  python -m http.server 8082

- Open http://localhost:8082/index.html

Step 7: Test It!

- Open browser and login with users:

sf00053 / Injured25# (STUDENT)

mal00036 / CSMajorGrad27% (STUDENT)

faculty / password (FACULTY)

family / password (FAMILY)

regular / password (REGULAR)

Step 8: Shut Down

- Close Eclipse to stop backend

- Press Ctrl+C in Command Prompt to stop frontend server

SUMMARY:

- Backend: Run via Eclipse (Java Application)

- Frontend: python -m http.server 8082

- Open http://localhost:8082/index.html to use the app