

# ChampionsDB 2019-2020

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# TEAM INTRODUCTION



# APPLICATION INTRODUCTION

- UEFA Champions League: international soccer tournament
- No centralized resource for information
  - Wikipedia for players; ESPN for games; websites for teams
- ChampionsDB: application for novices delving into the world of soccer, provide resources in centralized location

# SOFTWARE STACK

- Database: MongoDB, Selenium, requests
- Backend Tools: Flask, MongoEngine
- Frontend Tools: Bootstrap, Jinja2, JS DataTables
- Testing Tools: unittest, Selenium
- Data Sources: API-Football, Twitter API, FutDB, Google





DEMO: <http://champsdb.herokuapp.com>

# SELF CRITIQUE

- What went well: communication, management, workflow
- What could have improved: consistency, task estimates
- What we learned: popular SW and PM tools, design principles, testing skills, teamwork skills, flexibility and adaptability

The background is a deep blue gradient. It features several overlapping, semi-transparent geometric shapes, primarily triangles and polygons, in lighter shades of blue and cyan. These shapes are interconnected by thin, white or light blue lines that create a complex, web-like pattern across the entire frame. The overall effect is a modern, abstract, and somewhat futuristic design.

Thank You.