

Group Member

Jiawei Liu

Yuechen Luo

Jiapo Tai

Hongru Du

Initial idea**Topic:** Research on the limits of human athletic

For many years, the best records of many sports have always been broken and refreshed by human beings. Our goal is to build a web application, which allows users to search for best grade and Olympic Record of different sports. We gather the data from Olympic Database and other data sources, like record in different Leagues. After that, the app will represent and analysis the data and give its prediction for several years in the future.

Technologies:

- Relational Database Schema design
- Database Access in Javascript
- Web back-end develop
- Web front-end develop
- Data analysis algorithms

Milestones

Milestone 1	Have initial idea Think about what technology we need
Milestone 2	Design the schema of Database Start programming before DAO layer
Milestone 3	Finish modules of and below DAO layer Start the server modules above DAO layer. Start the web front-end design and develop
Milestone 4	Finish all the modules Start testing
Milestone 5	Finish testing Try our best to find other problems
Milestone 6	Should have finished the project

Responsibilities

(preliminary)

Database Schema design,

Database build and test,

DAO layer,

Server data handle modules,

Web front-end develop,

Data Analysis and prediction algorithm,

All crews

Jiawei Liu

Jiapo Tai

Yuechen Luo

Jiapo Tai, Hongru Du, Jiawei Liu

Yuechen Luo, Hongru Du