

Teammate Reputation System (TRS)

Second week progress report

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Duke Kunshan University

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Overview

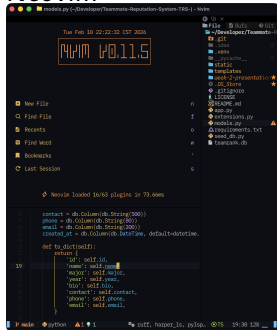
1. Introduction
2. Demonstration
3. AI Statement
4. Quiz
5. Template examples
6. Demonstration
7. AI Statement
8. Quiz

Team members

Anar Nyambayar

Fav code editor:

Neovim



Feiyang Zhong

Heading to:

Duke Summer Research **Hongtian Lin**

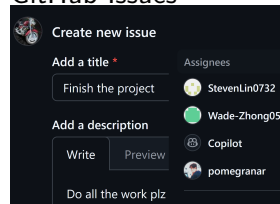
Feeling:

Nervous & excited

Yuxiang Lin

Fav code editor:

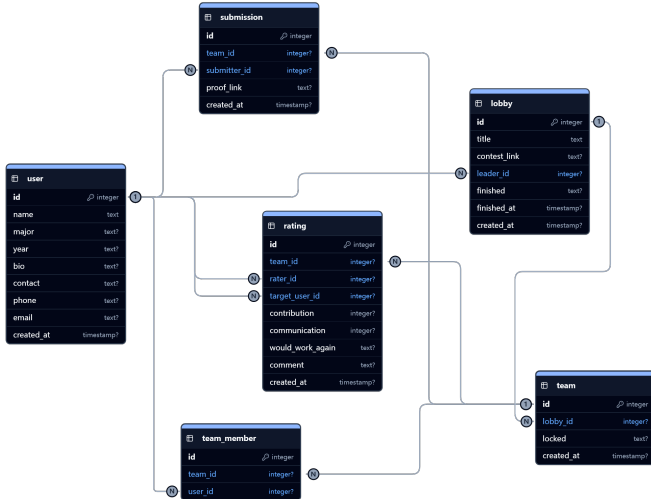
GitHub Issues



- **Framework:** Flask (Python) with server-side rendered pages (Jinja2 templates)
- **Data layer:** Flask-SQLAlchemy (SQLAlchemy ORM)
- **Database:** SQLite (local file DB, e.g., teamrank.db)
- **Models / tables:** User, Lobby, Team, TeamMember, Submission, Rating
- **How data access works:** Python objects → ORM queries → generated SQL
- **Notes:** simple schema evolution for SQLite (no full migration tool yet)



Database Schema (ER Diagram)



Database Seeding

- **Goal:** generate stable demo data (no empty pages)
- **Workflow:** reset tables → insert records
- **Seeded:** User, Lobby, Team, TeamMember, Submission, Rating
- **Effect:** /login and /lobbies ready immediately

Run

```
python seed_db.py  
python app.py
```

Bullet Points

- Lorem ipsum dolor sit amet, consectetur adipiscing elit
- Aliquam blandit faucibus nisi, sit amet dapibus enim tempus eu
- Nulla commodo, erat quis gravida posuere, elit lacus lobortis est, quis porttitor odio mauris at libero
- Nam cursus est eget velit posuere pellentesque
- Vestibulum faucibus velit a augue condimentum quis convallis nulla gravida

Blocks of Highlighted Text

In this slide, some important text will be **highlighted** because it's important. Please, don't abuse it.

Block

Sample text

Alertblock

Sample text in red box

Examples

Sample text in green box. The title of the block is "Examples".

Heading

1. Statement
2. Explanation
3. Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

Demo of the full workflow

The End