Pre-requites

* install MySQL (user/password: root/jing9193; database: nodedb);
* create folder: backend/upload

1. Download packages:

git clone https://github.com/yannonghuang/shinshin

1. Install packages:

cd backend; npm install;

cd react-app; npm install;

1. Run

cd backend; node server;

cd react-app; npm start;

1. Initial db instance

Use mysql client tool (i.e., MySQLWorkbench) to import a db dump

1. Initial account

Username / password : shinshin / shinshin

1. Build & Deploy & Production

cd react-app; npm run build

cd backend; node server (only backend server is necessary, frontend is bundled in backend. Port number is defined with environment variable PORT, default 8080).

git commands

* check out:

cd shinshin

git pull

* add/push new file

git add<file>

git commit -m “…”

git push

db migration tips

* execute after db schema changes

cd backend/app; npx sequelize-cli db:migrate

* change db schema

cd backend/app; npx sequelize-cli migration:create --name <file name, ex: modify\_users\_add\_new\_fields>

*edit* .js files under migrations/ …