

Tasks

- due date → Date
- name → Text → Not Null
- (description) (Like a comment) → Text
- id (Primary Key) → Integer → Primary Key → Unique
- user_id (Foreign Key) → Integer → Foreign Key
- Priority → Integer
- fulfilled status → Boolean → Not Null
- fulfilled date → Date
- private status → Boolean → Not Null
- project-id (Foreign Key) → Integer

Users

- id → Integer → Primary Key
- email → Text → Not Null, Unique
- password_hash → Text
- username → Text → Unique, Not Null

Friends

- id → Integer → Primary Key
- first_user_id → Integer → Foreign Key
- second_user_id → Integer → Foreign Key

Challenges

- id → Integer → Primary Key
- challenges_id → Integer → Foreign Key
- challenged_id → Integer → Foreign Key
- challenger_score → Integer → Not Null
- challenged_score → Integer → Not Null
- finished → Boolean → Not Null
- expire-date → Date → Not Null

Note: Save in challenger_score the beginning score as long as the challenge is ongoing
Then save the final score one unchangeable

Scores

- id → Integer → Primary Key
- user_id → Integer → Foreign Key