

Finks

Milestone 4

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Database Software and Database Creation Scripts

- DBMS Software: MySQL
- SQL File Link: <https://github.com/meadej/finks/blob/master/database/finksdb.sql>

```
1 create database if not exists finksTest;
2 use finksTest;
3
4 create table if not exists images(
5     title varchar(40),
6     votes int(10),
7     userid int(10),
8     url varchar(2048) not null,
9     imageid int(10) primary key not null
10 ) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;
1
2 create table if not exists users(
3     username varchar(40),
4     password varchar(40),
5     firstname varchar(40),
6     lastname varchar(40),
7     email varchar(40),
8     tags varchar(120),
9     userid int(10) primary key not null
10 ) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;
1
2
3 insert into images (title, votes, url) values
4 ('image1', 2, "https://images.pexels.com/photos/248797/pexels-photo-248797.jpeg?auto=compress&cs=tinysrgb&h=350"),
5 ('image2', 10, "https://wallpaperbrowse.com/media/images/soap-bubble-1958650_960_720.jpg"),
6 ('image3', 1, "https://www.gettyimages.ie/gi-resources/images/Homepage/Hero/UK/CMS_Creative_164657191_Kingfisher.jpg"),
7 ('image4', 30, "https://wallpaperbrowse.com/media/images/cat-1285634_960_720.png"),
8 ('image5', 4, "https://media.istockphoto.com/photos/plant-growing-picture-id510222832?k=6&m=510222832&s=612x612&w=0&h=Pzjkj2hf9
9
10 create table if not exists leaderboard(
11 id int(1) not null auto_increment,
12 url varchar(2048) not null,
13 primary key (id)
14 ) ENGINE=MyISAM DEFAULT CHARSET=utf8 AUTO_INCREMENT=1;
```

Data Model (ER diagram)

