Your favorite Website's Links

Prepare the server - Initialized the project……..
Create folder:

       links_mysql
       Copy files………………

`Create db_links schema (Workbench-MySql Server):`
`Execute SQL script:`

```
CREATE DATABASE db_links;

USE db_links;

-- TABLE USER
-- all pasword wil be encrypted using SHA1
CREATE TABLE users (
  id INT(11) NOT NULL,
  username VARCHAR(16) NOT NULL,
  password VARCHAR(60) NOT NULL,
  fullname VARCHAR(100) NOT NULL
);

ALTER TABLE users
  ADD PRIMARY KEY (id);

ALTER TABLE users
  MODIFY id INT(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT = 2;

DESCRIBE users;

INSERT INTO users (id, username, password, fullname)
  VALUES (1, 'john', 'password1', 'John Carter');

SELECT * FROM users;

-- LINKS TABLE
CREATE TABLE links (
  id INT(11) NOT NULL,
  title VARCHAR(150) NOT NULL,
  url VARCHAR(255) NOT NULL,
  description TEXT,
  user_id INT(11),
  created_at timestamp NOT NULL DEFAULT current_timestamp,
  CONSTRAINT fk_user FOREIGN KEY(user_id) REFERENCES users(id)
);

ALTER TABLE links
  ADD PRIMARY KEY (id);

ALTER TABLE links
  MODIFY id INT(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT = 2;

DESCRIBE links;
```

Set MySql credentials:
     src\keys.js file:

```
module.exports =
{
    database: {
        connectionLimit: 10,
        host: 'localhost',
        user: 'user',
        password: 'password',
        database: 'db_links'
    }
};
```

Start NodeJS server

```
links_mysql\src>node index.js
```

Open your browser and: http://localhost:4000/ (login page… Sign Up)