Onmyoji's
Tool

Group 15

User
Requirements

ER Diagram

DB schema

SQL Queries

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University of Science and Technology of Hà Nội

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Contents

Character guide

- Search for shikis that is recommended for a specific role
- Search for recommended roles for a specific shiki
- Search for recommended soul set for a specific shiki

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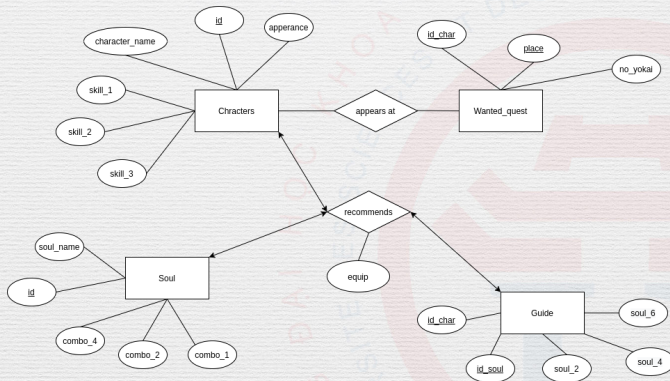
DB schema

SQL Queries

Wanted quest tool

- From specific monster, the tool must be able to show places to find it.
- From specific hints, the tool must be able to identify the monster and show places to find it.
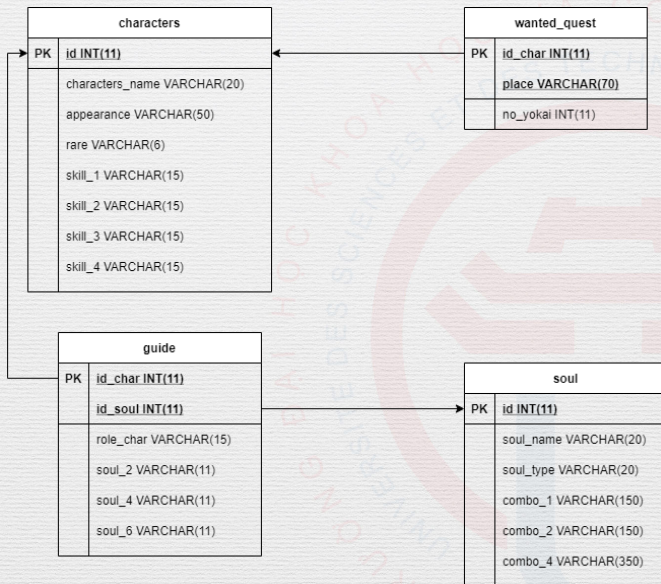
Soul wiki

Soul? Equipment!

User requirement

- From soul's name, show effect of soul set 2 or 4

- From soul's name, show the type of that soul

- From type of soul, show list of souls' name

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Database schema

characters

PK	**id INT(11)**
	characters_name VARCHAR(20)
	appearance VARCHAR(50)
	rare VARCHAR(6)
	skill_1 VARCHAR(15)
	skill_2 VARCHAR(15)
	skill_3 VARCHAR(15)
	skill_4 VARCHAR(15)

wanted_quest

PK	**id_char INT(11)**
	place VARCHAR(70)
	no_yokai INT(11)

guide

PK	**id_char INT(11)**
	id_soul INT(11)
	role_char VARCHAR(15)
	soul_2 VARCHAR(11)
	soul_4 VARCHAR(11)
	soul_6 VARCHAR(11)

soul

PK	**id INT(11)**
	soul_name VARCHAR(20)
	soul_type VARCHAR(20)
	combo_1 VARCHAR(150)
	combo_2 VARCHAR(150)
	combo_4 VARCHAR(350)

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Guide table

SELECT characters_name as shiki, role_char, soul_name,
soul_2, soul_4, soul_6, combo_4 as effect
FROM characters, guide, soul
WHERE characters.id = guide.id_char AND soul.id =
guide.id_soul;

Guide table

SELECT characters_name as shiki, role_char, soul_name,
soul_2, soul_4, soul_6, combo_4 as effect
FROM characters, guide, soul
WHERE characters.id = guide.id_char AND soul.id =
guide.id_soul;

```
+----------+-----------+-------------+--------+--------+--------+--------------+
| shiki    | role_char | soul_name   | soul_2 | soul_4 | soul_6 | effect       |
+----------+-----------+-------------+--------+--------+--------+--------------+
| hiyoribo | Healer    | Tree Spirit | HP%    | HP%    | Crit   | + 20% healing |
| Kusa     | Healer    | Tree Spirit | ATK%   | ATK%   | Crit   | + 20% healing |
+----------+-----------+-------------+--------+--------+--------+--------------+
```

Role $\rightarrow$ characters

SELECT characters.characters_name
FROM characters
INNER JOIN guide ON guide.id_char = characters.id
WHERE guide.role_char = 'Healer';

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Role → characters

SELECT characters.characters_name
FROM characters
INNER JOIN guide ON guide.id_char = characters.id
WHERE guide.role_char = 'Healer';

```
+------------------+
| characters_name  |
+------------------+
| Sakura           |
| Kusa             |
| hiyoribo         |
+------------------+
```

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Character → role

SELECT role_char
FROM guide
WHERE id_char =
(SELECT id FROM characters
WHERE characters_name = 'Sakura');

Character → role

SELECT role_char
FROM guide
WHERE id_char =
(SELECT id FROM characters
WHERE characters_name = 'Sakura');

```
+-----------+
| role_char |
+-----------+
| Healer    |
+-----------+
```

Character → soul

SELECT soul_name, soul_2, soul_4, soul_6
FROM soul, guide
WHERE soul.id = guide.id_soul AND guide.id_char =
(SELECT id FROM characters WHERE characters_name =
'Sakura');

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Character → soul

SELECT soul_name, soul_2, soul_4, soul_6
FROM soul, guide
WHERE soul.id = guide.id_soul AND guide.id_char =
(SELECT id FROM characters WHERE characters_name =
'Sakura');

```
+-----------+--------+--------+--------+
| soul_name | soul_2 | soul_4 | soul_6 |
+-----------+--------+--------+--------+
| Pearl     | HP%    | HP%    | Crit   |
+-----------+--------+--------+--------+
```

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Monster → places

SELECT place
FROM wanted_quest, characters
WHERE wanted_quest.id_char = characters.id
AND characters.characters_name = 'Momo';

Monster → places

SELECT place
FROM wanted_quest, characters
WHERE wanted_quest.id_char = characters.id
AND characters.characters_name = 'Momo';

```
+------------------------------------+
| place                              |
+------------------------------------+
| Aoandon's Tale Stage               |
| Chapter 8                          |
| Maple's Bond                       |
| Ootengu's Secret                   |
| Riverside Tales4                   |
| Secret of the Evil Blade           |
| Shshio's Wake                      |
| Soul - Stage Three                 |
| Umbrella's Guard                   |
| Wraith of Arakawa                  |
| Youko's Secret (unreleased) Stage  |
+------------------------------------+
```

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Hints → monster and places

SELECT characters_name, place
FROM wanted_quest, characters
WHERE wanted_quest.id_char = characters.id
AND hint like '%Blue skin%';

Hints → monster and places

SELECT characters_name, place
FROM wanted_quest, characters
WHERE wanted_quest.id_char = characters.id
AND hint like '%Blue skin%';

```
+-----------------+------------------------------------------+
| characters_name | place                                    |
+-----------------+------------------------------------------+
| Blue Imp        | Chapter 10                               |
| Blue Imp        | Chapter 11                               |
| Blue Imp        | Chapter 2                                |
| Blue Imp        | Chapter 5                                |
| Blue Imp        | Chapter 6                                |
| Blue Imp        | Chapter 8                                |
| Blue Imp        | Encounter                                |
| Blue Imp        | Extra Chapter "Hell Agent in training"   |
| Blue Imp        | Riverside Tales10                        |
| Blue Imp        | Soul - Stage One                         |
+-----------------+------------------------------------------+
```

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Soul name → effects

```
SELECT combo_2, combo_4
FROM soul
WHERE soul_name = 'Harpy';
```

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Soul name $\rightarrow$ effects

```
SELECT combo_2, combo_4
FROM soul
WHERE soul_name = 'Harpy';
```

```
+-------------+-------------------------------------+
| combo_2     | combo_4                             |
+-------------+-------------------------------------+
| Attack +15% | Gain 3 orbs upon defeating an enemy |
+-------------+-------------------------------------+
```

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Soul name $\rightarrow$ type

SELECT soul_name, soul_type
FROM soul
WHERE soul_name = 'Harpy';

Soul name $\rightarrow$ type

SELECT soul_name, soul_type
FROM soul
WHERE soul_name = 'Harpy';

```
+-----------+-----------+
| soul_name | soul_type |
+-----------+-----------+
| Harpy     | normal    |
+-----------+-----------+
```

Soul type $\rightarrow$ soul name

SELECT soul_name
FROM soul
WHERE soul_type = 'Boss'

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Soul type → soul name

SELECT soul_name
FROM soul
WHERE soul_type = 'Boss'

```
+-------------------+
| soul_name         |
+-------------------+
| Odokuro           |
| Namazu            |
| Tsuchigumo        |
| Oboroguruma       |
| Shinkirou         |
| Ghostly Songstress |
+-------------------+
```