XXX Project

Version: 0.0.2

Database Design Document

April 2018

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 2018/4/25 | 0.0.1 |  | Jack |
| 2018/4/26 | 0.0.2 |  | Jack |
|  |  |  |  |

1. **Introduction**
   1. **Purpose**
   2. **Backgound**
2. **Architecture Design**
   1. **Surroundings**
3. **Database Design**
   1. **Entity-relationship diagram**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | employee\_schedule | | | |
| **Desc** |  | | | |
| **Field Seq** | **Field Name** | **Data Type** | **Null-able** | **Memo** |
| 1 | id | bigint(20) | No | ID |
| 2 | employee\_id | bigint(20) |  |  |
| 3 | from | timestamp |  |  |
| 4 | to | timestamp |  |  |

SQL Code:

-- -----------------------------------------------------

-- Table `employee\_schedule`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `employee\_schedule` (

`id` bigint(20) NOT NULL,

`employee\_id` bigint(20) NOT NULL,

`from` timestamp NOT NULL,

`to` timestamp NOT NULL,

PRIMARY KEY (`id`)

)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | employee | | | |
| **Desc** |  | | | |
| **Field Seq** | **Field Name** | **Data Type** | **Null-able** | **Memo** |
| 1 | id | bigint(20) | No | ID |
|  | business\_id | bigint(20) |  |  |
|  | first\_name | varchar(64) |  |  |
|  | last\_name | varchar(64) |  |  |
|  | name | varchar(128) |  |  |
|  | email | varchar(128) |  |  |
|  | mobile\_phone | varchar(128) |  |  |
|  | home\_phone | varchar(128) |  |  |
|  | work\_phone | varchar(128) |  |  |
|  | address | varchar(256) |  |  |
|  | address2 | varchar(256) |  |  |
|  | city | varchar(128) |  |  |
|  | state | varchar(128) |  |  |
|  | country | varchar(128) |  |  |
|  | postal\_code | varchar(64) |  |  |
|  | bio | varchar(128) |  |  |
|  | image\_url | varchar(128) |  |  |
|  | is\_male | bool |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

SQL Code:

-- -----------------------------------------------------

-- Table `employee`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `employee` (

`id` bigint(20) NOT NULL,

`business\_id` BIGINT(20) NOT NULL,

`first\_name` VARCHAR(64) NOT NULL,

`last\_name` VARCHAR(64) NOT NULL,

PRIMARY KEY (`id`)

)

ENGINE = InnoDB

DEFAULT CHARACTER SET = utf8;