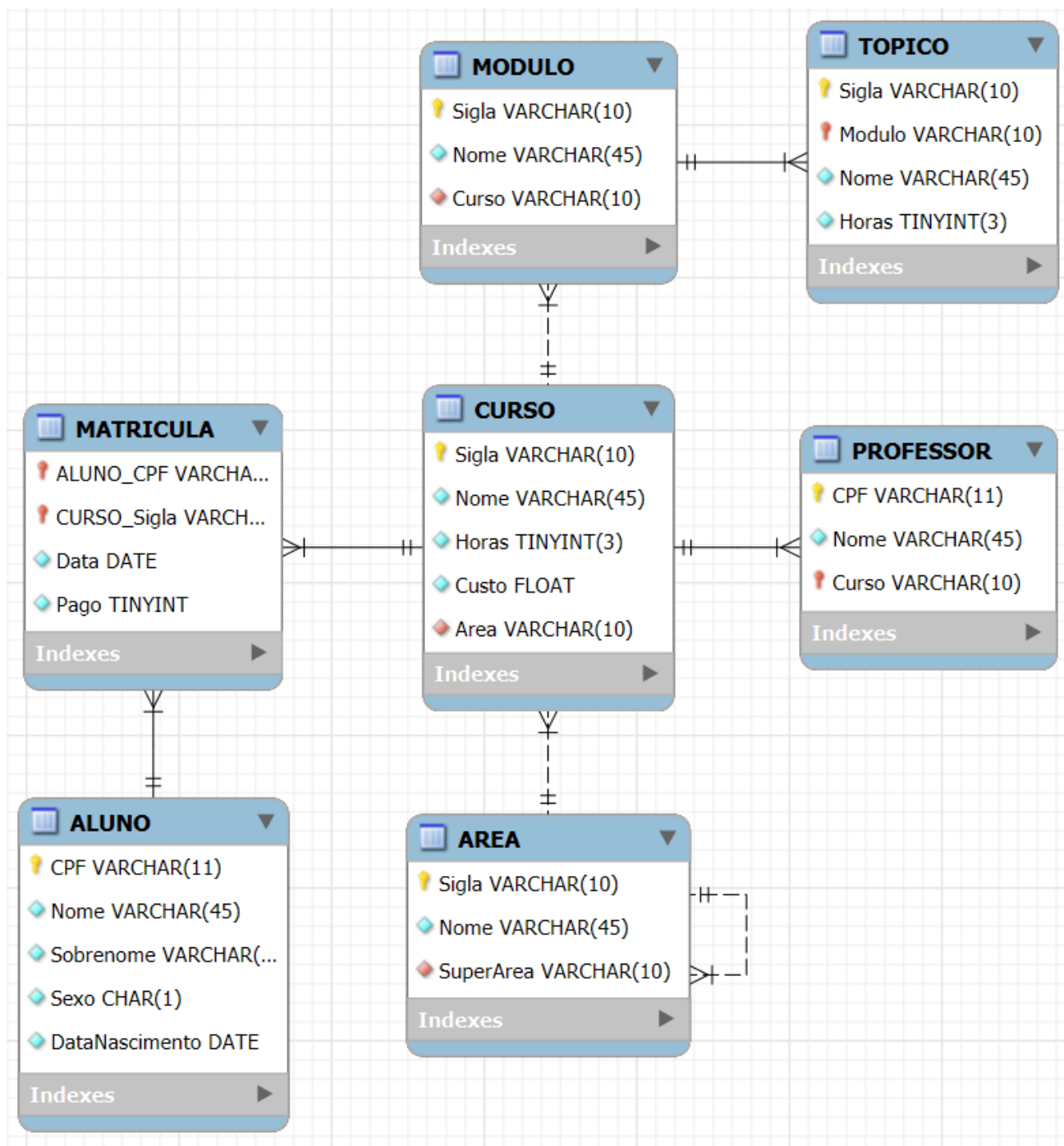


Banco de Dados: Hands On 06

Ricardo Soares Cerqueira - 803833

> Diagrama Pé de Galinha



> Scripts

```
-- -----  
-- Schema H006  
-- -----  
  
-- -----  
-- Table `ALUNO`  
-- -----  
  
DROP TABLE IF EXISTS `ALUNO` ;  
  
CREATE TABLE IF NOT EXISTS `ALUNO` (  
    `CPF` VARCHAR(11) NOT NULL,  
    `Nome` VARCHAR(45) NOT NULL,  
    `Sobrenome` VARCHAR(70) NOT NULL,  
    `Sexo` CHAR(1) NOT NULL,  
    `DataNascimento` DATE NOT NULL,  
    PRIMARY KEY (`CPF`))  
ENGINE = InnoDB;  
  
-- -----  
-- Table `AREA`  
-- -----  
  
DROP TABLE IF EXISTS `AREA` ;  
  
CREATE TABLE IF NOT EXISTS `AREA` (  
    `Sigla` VARCHAR(10) NOT NULL,  
    `Nome` VARCHAR(45) NOT NULL,  
    `SuperArea` VARCHAR(10) NOT NULL,  
    PRIMARY KEY (`Sigla`),  
    CONSTRAINT `fk_AREA_AREA1`  
        FOREIGN KEY (`SuperArea`)  
        REFERENCES `AREA` (`Sigla`)  
        ON DELETE NO ACTION  
        ON UPDATE NO ACTION)  
ENGINE = InnoDB;  
  
CREATE INDEX `fk_AREA_AREA1_idx` ON `AREA` (`SuperArea` ASC) VISIBLE;  
  
-- -----  
-- Table `CURSO`  
-- -----  
  
DROP TABLE IF EXISTS `CURSO` ;
```

```

CREATE TABLE IF NOT EXISTS `CURSO` (
  `Sigla` VARCHAR(10) NOT NULL,
  `Nome` VARCHAR(45) NOT NULL,
  `Horas` TINYINT(3) UNSIGNED NOT NULL,
  `Custo` FLOAT UNSIGNED NOT NULL,
  `Area` VARCHAR(10) NOT NULL,
  PRIMARY KEY (`Sigla`),
  CONSTRAINT `fk_CURSO_AREA1`
    FOREIGN KEY (`Area`)
    REFERENCES `AREA` (`Sigla`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE INDEX `fk_CURSO_AREA1_idx` ON `CURSO` (`Area` ASC) VISIBLE;

```

```

-- -----
-- Table `MATRICULA`
-- -----
DROP TABLE IF EXISTS `MATRICULA` ;

```

```

CREATE TABLE IF NOT EXISTS `MATRICULA` (
  `ALUNO_CPF` VARCHAR(11) NOT NULL,
  `CURSO_Sigla` VARCHAR(10) NOT NULL,
  `Data` DATE NOT NULL,
  `Pago` TINYINT NOT NULL,
  PRIMARY KEY (`ALUNO_CPF`, `CURSO_Sigla`),
  CONSTRAINT `fk_MATRICULA_ALUNO1`
    FOREIGN KEY (`ALUNO_CPF`)
    REFERENCES `ALUNO` (`CPF`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
  CONSTRAINT `fk_MATRICULA_CURSO1`
    FOREIGN KEY (`CURSO_Sigla`)
    REFERENCES `CURSO` (`Sigla`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE INDEX `fk_MATRICULA_CURSO1_idx` ON `MATRICULA` (`CURSO_Sigla` ASC)
VISIBLE;

```

```

-- -----

```

-- Table `MODULO`

DROP TABLE IF EXISTS `MODULO` ;

CREATE TABLE IF NOT EXISTS `MODULO` (
 `Sigla` VARCHAR(10) NOT NULL,
 `Nome` VARCHAR(45) NOT NULL,
 `Curso` VARCHAR(10) NOT NULL,
 PRIMARY KEY (`Sigla`),
 CONSTRAINT `fk_MODULO_CURS01`
 FOREIGN KEY (`Curso`)
 REFERENCES `CURS0` (`Sigla`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

-- Table `MODULO`

DROP TABLE IF EXISTS `MODULO` ;

CREATE TABLE IF NOT EXISTS `MODULO` (
 `Sigla` VARCHAR(10) NOT NULL,
 `Nome` VARCHAR(45) NOT NULL,
 `Curso` VARCHAR(10) NOT NULL,
 PRIMARY KEY (`Sigla`),
 CONSTRAINT `fk_MODULO_CURS01`
 FOREIGN KEY (`Curso`)
 REFERENCES `CURS0` (`Sigla`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

CREATE INDEX `fk_MODULO_CURS01_idx` ON `MODULO` (`Curso` ASC) VISIBLE;

-- Table `PROFESSOR`

DROP TABLE IF EXISTS `PROFESSOR` ;

CREATE TABLE IF NOT EXISTS `PROFESSOR` (
 `CPF` VARCHAR(11) NOT NULL,
 `Nome` VARCHAR(45) NOT NULL,
 `Curso` VARCHAR(10) NOT NULL,

```

PRIMARY KEY (`CPF`, `Curso`),
CONSTRAINT `fk_PROFESSOR_CURS01`
  FOREIGN KEY (`Curso`)
  REFERENCES `CURS0` (`Sigla`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE INDEX `fk_PROFESSOR_CURS01_idx` ON `PROFESSOR` (`Curso` ASC)
VISIBLE;

```

```

-- -----
-- Table `TOPICO`
-- -----
DROP TABLE IF EXISTS `TOPICO` ;

```

```

CREATE TABLE IF NOT EXISTS `TOPICO` (
  `Sigla` VARCHAR(10) NOT NULL,
  `Modulo` VARCHAR(10) NOT NULL,
  `Nome` VARCHAR(45) NOT NULL,
  `Horas` TINYINT(3) UNSIGNED NOT NULL,
  PRIMARY KEY (`Sigla`, `Modulo`),
  CONSTRAINT `fk_Topico_MODUL01`
    FOREIGN KEY (`Modulo`)
    REFERENCES `MODULO` (`Sigla`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

CREATE INDEX `fk_Topico_MODUL01_idx` ON `TOPICO` (`Modulo` ASC) VISIBLE;

```