

-- MySQL Workbench Forward Engineering

```
SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;
SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0;
SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_
ZERO_DATE,ERROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION';
```

-- Schema mydb

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```
CREATE SCHEMA IF NOT EXISTS `cs_div17996` DEFAULT CHARACTER SET utf8 ;
USE `cs_div17996` ;
```

-- Table `mydb`.`Stadium`

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Stadium` (
  `stadiumID` INT NOT NULL,
  `city` VARCHAR(45) NULL,
  `state` VARCHAR(45) NULL,
  `capacity` VARCHAR(45) NULL,
  `name` VARCHAR(45) NULL,
  `yearBuilt` VARCHAR(45) NULL,
  PRIMARY KEY (`stadiumID`))
ENGINE = InnoDB;
```

-- Table `mydb`.`Teams`

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Teams` (
  `teamID` INT NOT NULL,
  `teamName` VARCHAR(45) NULL,
  `teamLevel` VARCHAR(45) NULL,
  `Stadium_stadiumID` INT NOT NULL,
  PRIMARY KEY (`teamID`),
  INDEX `fk_Teams_Stadium1_idx` (`Stadium_stadiumID` ASC) VISIBLE,
  CONSTRAINT `fk_Teams_Stadium1`
```

```
FOREIGN KEY (`Stadium_stadiumID`)
REFERENCES `cs_div17996`.`Stadium` (`stadiumID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-- -----
-- Table `mydb`.`Player`
-- -----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Player` (
  `playerID` INT NOT NULL,
  `playerFname` VARCHAR(45) NULL,
  `playerLname` VARCHAR(45) NULL,
  `dob` DATE NULL,
  `position` VARCHAR(45) NULL,
  `nationality` VARCHAR(45) NULL,
  `salary` VARCHAR(45) NULL,
  `Teams_teamID` INT NOT NULL,
  PRIMARY KEY (`playerID`),
  INDEX `fk_Player_Teams_idx` (`Teams_teamID` ASC) VISIBLE,
  CONSTRAINT `fk_Player_Teams`
    FOREIGN KEY (`Teams_teamID`)
      REFERENCES `cs_div17996`.`Teams` (`teamID`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-- -----
-- Table `mydb`.`Coach`
-- -----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Coach` (
  `coachID` INT NOT NULL,
  `coachFname` VARCHAR(45) NULL,
  `coachLname` VARCHAR(45) NULL,
  `title` VARCHAR(45) NULL,
  `salary` VARCHAR(45) NULL,
  `dob` DATE NULL,
  `Teams_teamID` INT NOT NULL,
  PRIMARY KEY (`coachID`),
  INDEX `fk_Coach_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,
  CONSTRAINT `fk_Coach_Teams1`
    FOREIGN KEY (`Teams_teamID`)
```

```
REFERENCES `cs_div17996`.`Teams` (`teamID`)
ON DELETE NO ACTION
ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-----
-- Table `mydb`.`Matches`
-----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Matches` (
  `matchID` INT NOT NULL,
  `opponent` VARCHAR(45) NULL,
  `date` DATE NULL,
  `result` VARCHAR(45) NULL,
  `Teams_teamID` INT NOT NULL,
  `Stadium_stadiumID` INT NOT NULL,
  PRIMARY KEY (`matchID`),
  INDEX `fk_Matches_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,
  INDEX `fk_Matches_Stadium1_idx` (`Stadium_stadiumID` ASC) VISIBLE,
  CONSTRAINT `fk_Matches_Teams1`
    FOREIGN KEY (`Teams_teamID`)
      REFERENCES `cs_div17996`.`Teams` (`teamID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION,
  CONSTRAINT `fk_Matches_Stadium1`
    FOREIGN KEY (`Stadium_stadiumID`)
      REFERENCES `cs_div17996`.`Stadium` (`stadiumID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-----
-- Table `mydb`.`Team Staff`
-----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Team Staff` (
  `staffID` INT NOT NULL,
  `title` VARCHAR(45) NULL,
  `staffFname` VARCHAR(45) NULL,
  `staffLname` VARCHAR(45) NULL,
  `salary` VARCHAR(45) NULL,
  `dob` DATE NULL,
  `Teams_teamID` INT NOT NULL,
  PRIMARY KEY (`staffID`),
```

```
INDEX `fk_Club Staff_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,  
CONSTRAINT `fk_Club Staff_Teams1`  
  FOREIGN KEY (`Teams_teamID`)  
  REFERENCES `cs_div17996`.`Teams` (`teamID`)  
  ON DELETE NO ACTION  
  ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Sponsor`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Sponsor` (  
  `sponsorID` INT NOT NULL,  
  `sponsorName` VARCHAR(45) NULL,  
  `amountReceived` VARCHAR(45) NULL,  
  `contractLength` VARCHAR(45) NULL,  
  PRIMARY KEY (`sponsorID`))  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Revenues`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Revenues` (  
  `revenueID` INT NOT NULL,  
  `revenueType` VARCHAR(45) NULL,  
  `revenueAmount` INT NULL,  
  `Teams_teamID` INT NOT NULL,  
  PRIMARY KEY (`revenueID`),  
  INDEX `fk_Revenues_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,  
  CONSTRAINT `fk_Revenues_Teams1`  
    FOREIGN KEY (`Teams_teamID`)  
    REFERENCES `cs_div17996`.`Teams` (`teamID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- -----  
-- Table `mydb`.`Costs`  
-- -----
```

```
CREATE TABLE IF NOT EXISTS `cs_div17996`.`Costs` (  
  `costID` INT NOT NULL,
```

```

`Teams_teamID` INT NOT NULL,
`costType` VARCHAR(45) NULL,
`costAmount` INT NULL,
PRIMARY KEY (`costID`),
INDEX `fk_Costs_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,
CONSTRAINT `fk_Costs_Teams1`
  FOREIGN KEY (`Teams_teamID`)
    REFERENCES `cs_div17996`.`Teams` (`teamID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `mydb`.`Kits`
-----

```

```

CREATE TABLE IF NOT EXISTS `cs_div17996`.`Kits` (
  `kitID` INT NOT NULL,
  `kitName` VARCHAR(45) NULL,
  `type` VARCHAR(45) NULL,
  `Teams_teamID` INT NOT NULL,
  PRIMARY KEY (`kitID`),
  INDEX `fk_Kits_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,
  CONSTRAINT `fk_Kits_Teams1`
    FOREIGN KEY (`Teams_teamID`)
      REFERENCES `cs_div17996`.`Teams` (`teamID`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `mydb`.`Teams_has_Sponsor`
-----

```

```

CREATE TABLE IF NOT EXISTS `cs_div17996`.`Teams_has_Sponsor` (
  `Teams_teamID` INT NOT NULL,
  `Sponsor_sponsorID` INT NOT NULL,
  `teamsponsorID` VARCHAR(45) NOT NULL,
  INDEX `fk_Teams_has_Sponsor_Sponsor1_idx` (`Sponsor_sponsorID` ASC) VISIBLE,
  INDEX `fk_Teams_has_Sponsor_Teams1_idx` (`Teams_teamID` ASC) VISIBLE,
  PRIMARY KEY (`teamsponsorID`),
  CONSTRAINT `fk_Teams_has_Sponsor_Teams1`
    FOREIGN KEY (`Teams_teamID`)
      REFERENCES `cs_div17996`.`Teams` (`teamID`)

```

```

        ON DELETE NO ACTION
        ON UPDATE NO ACTION,
CONSTRAINT `fk_Teams_has_Sponsor_Sponsor1`
    FOREIGN KEY (`Sponsor_sponsorID`)
        REFERENCES `cs_div17996`.`Sponsor` (`sponsorID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `mydb`.`Injury`
-----

```

```

CREATE TABLE IF NOT EXISTS `cs_div17996`.`Injury` (
  `InjuryID` VARCHAR(45) NOT NULL,
  `injuryType` VARCHAR(45) NULL,
  `Matches_matchID` INT NOT NULL,
  `Player_playerID` INT NOT NULL,
  INDEX `fk_Matches_has_Player_Player1_idx` (`Player_playerID` ASC) VISIBLE,
  INDEX `fk_Matches_has_Player_Matches1_idx` (`Matches_matchID` ASC) VISIBLE,
  PRIMARY KEY (`InjuryID`),
  CONSTRAINT `fk_Matches_has_Player_Matches1`
    FOREIGN KEY (`Matches_matchID`)
        REFERENCES `cs_div17996`.`Matches` (`matchID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION,
  CONSTRAINT `fk_Matches_has_Player_Player1`
    FOREIGN KEY (`Player_playerID`)
        REFERENCES `cs_div17996`.`Player` (`playerID`)
        ON DELETE NO ACTION
        ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

SET SQL_MODE=@OLD_SQL_MODE;
SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;
SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;

```