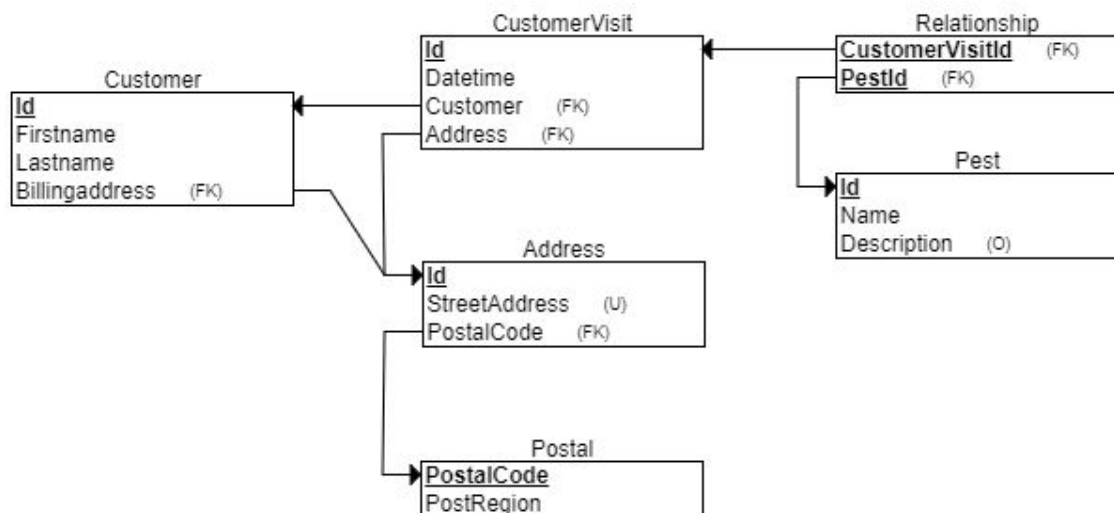
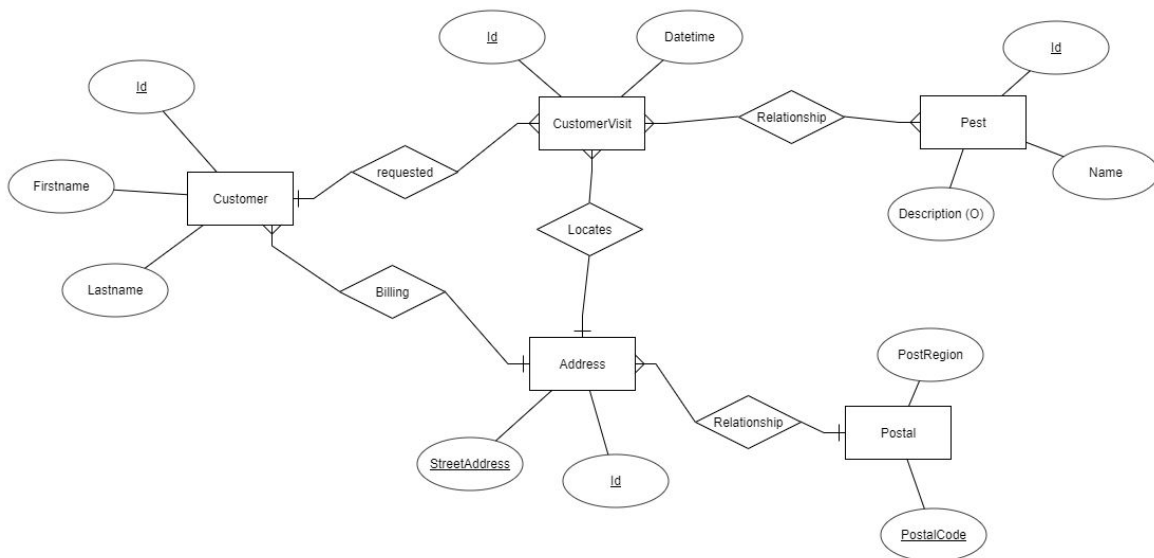


Tuholaistorjunta

Sovellus koostuu ORM-, DAO- ja valikkoluokista. ORM-luokissa on tietokannan tauluja vastaavat oliototeutukset ja DAO-luokissa on toteutukset olioiden luomiseen/päivittämiseen, hakemiseen ja poistamiseen. Ohjelman käynnistää main. Main käyttää apuna valikkoluokkia, joiden tehtävä on tuoda CRUD -ominaisuudet käyttöliittymään jokaiselle ORM-luokalle.



```

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET NAMES utf8 */;
/*!50503 SET NAMES utf8mb4 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;

```

```

-- Dumping database structure for PestControl
CREATE DATABASE IF NOT EXISTS `PestControl` /*!40100 DEFAULT CHARACTER SET
latin1 */;
USE `PestControl`;

```

```

-- Dumping structure for taulu PestControl.Address
CREATE TABLE IF NOT EXISTS `Address` (
  `AddressId` int(11) NOT NULL AUTO_INCREMENT,
  `StreetAddress` varchar(40) NOT NULL,
  `PostalCode` varchar(5) NOT NULL,
  PRIMARY KEY (`AddressId`),
  KEY `PostalCode` (`PostalCode`),
  CONSTRAINT `Address_ibfk_1` FOREIGN KEY (`PostalCode`) REFERENCES `Postal`
(`PostalCode`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

-- Tietojen vientiä ei oltu valittu.
-- Dumping structure for taulu PestControl.Customer
CREATE TABLE IF NOT EXISTS `Customer` (
  `CustomerId` int(11) NOT NULL AUTO_INCREMENT,
  `Firstname` varchar(20) NOT NULL,
  `Lastname` varchar(20) NOT NULL,
  `BillingAddress` int(11) NOT NULL,
  PRIMARY KEY (`CustomerId`),
  KEY `BillingAddress` (`BillingAddress`),
  CONSTRAINT `Customer_ibfk_1` FOREIGN KEY (`BillingAddress`) REFERENCES
`Address` (`AddressId`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

-- Tietojen vientiä ei oltu valittu.
-- Dumping structure for taulu PestControl.CustomerVisit
CREATE TABLE IF NOT EXISTS `CustomerVisit` (
  `CustomerVisitId` int(11) NOT NULL AUTO_INCREMENT,
  `Datetime` datetime NOT NULL,
  `Customer` int(11) NOT NULL,
  `Address` int(11) NOT NULL,

```

```

PRIMARY KEY (`CustomerVisitId`),
KEY `Customer` (`Customer`),
KEY `Address` (`Address`),
CONSTRAINT `CustomerVisit_ibfk_1` FOREIGN KEY (`Customer`) REFERENCES
`Customer` (`CustomerId`),
CONSTRAINT `CustomerVisit_ibfk_2` FOREIGN KEY (`Address`) REFERENCES
`Address` (`AddressId`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

-- Tietojen vientiä ei oltu valittu.
-- Dumping structure for taulu PestControl.Pest
CREATE TABLE IF NOT EXISTS `Pest` (
  `PestId` int(11) NOT NULL AUTO_INCREMENT,
  `Name` varchar(20) NOT NULL,
  `Description` varchar(200) DEFAULT NULL,
  PRIMARY KEY (`PestId`),
  UNIQUE KEY `Name` (`Name`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

-- Tietojen vientiä ei oltu valittu.
-- Dumping structure for taulu PestControl.Postal
CREATE TABLE IF NOT EXISTS `Postal` (
  `PostalCode` varchar(5) NOT NULL,
  `PostRegion` varchar(20) NOT NULL,
  PRIMARY KEY (`PostalCode`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

-- Tietojen vientiä ei oltu valittu.
-- Dumping structure for taulu PestControl.Relationship
CREATE TABLE IF NOT EXISTS `CustomerVisitPest` (
  `CustomerVisitId` int(11) NOT NULL,
  `PestId` int(11) NOT NULL,
  PRIMARY KEY (`CustomerVisitId`,`PestId`),
  KEY `PestId` (`PestId`),
  CONSTRAINT `Relationship_ibfk_1` FOREIGN KEY (`CustomerVisitId`) REFERENCES
`CustomerVisit` (`CustomerVisitId`),
  CONSTRAINT `Relationship_ibfk_2` FOREIGN KEY (`PestId`) REFERENCES `Pest`
(`PestId`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

/*!40101 SET SQL_MODE=IFNULL(@OLD_SQL_MODE, "") */;
/*!40014 SET FOREIGN_KEY_CHECKS=IF(@OLD_FOREIGN_KEY_CHECKS IS NULL, 1,
@OLD_FOREIGN_KEY_CHECKS) */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

```