

SQL Statements:

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-- Dumping database structure for 332
CREATE DATABASE IF NOT EXISTS `332` /*!40100 DEFAULT CHARACTER SET latin1 */;
USE `332`;

-- Dumping structure for table 332.car
CREATE TABLE IF NOT EXISTS `car` (
  `vin` varchar(20) NOT NULL,
  `parking_address` varchar(50) NOT NULL,
  `make` varchar(50) NOT NULL,
  `model` varchar(50) NOT NULL,
  `make_year` year(4) NOT NULL,
  `daily_rental_fee` decimal(15,2) NOT NULL,
  PRIMARY KEY (`vin`),
  KEY `FK_car_parking_location` (`parking_address`),
  CONSTRAINT `FK_car_parking_location` FOREIGN KEY (`parking_address`) REFERENCES `parking_location`
  (`parking_address`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Dumping data for table 332.car: ~2 rows (approximately)
/*!40000 ALTER TABLE `car` DISABLE KEYS */;
INSERT INTO `car` (`vin`, `parking_address`, `make`, `model`, `make_year`, `daily_rental_fee`) VALUES
  ('123gh45rt7y6534rw', '67 Albert St', 'Chevy', 'Cruise', '2016', 105.00),
  ('736hfyst618hye76t', '20 Division St', 'Ferrari', 'Spider', '1996', 600.99);
/*!40000 ALTER TABLE `car` ENABLE KEYS */;

-- Dumping structure for table 332.car_maintenance_history
CREATE TABLE IF NOT EXISTS `car_maintenance_history` (
  `vin` varchar(20) NOT NULL,
  `maintenance_date` date NOT NULL,
  `odometer_reading` int(20) NOT NULL,
  `maintenance_type` enum('Scheduled','Repair','Body Work') NOT NULL,
  `description` varchar(50) NOT NULL,
  `maintenance_time` time NOT NULL,
  PRIMARY KEY (`maintenance_date`, `vin`),
  KEY `FK_car_maintenance_history_car` (`vin`),
  CONSTRAINT `FK_car_maintenance_history_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Dumping data for table 332.car_maintenance_history: ~2 rows (approximately)
/*!40000 ALTER TABLE `car_maintenance_history` DISABLE KEYS */;
INSERT INTO `car_maintenance_history` (`vin`, `maintenance_date`, `odometer_reading`, `maintenance_type`,
`description`, `maintenance_time`) VALUES
  ('736hfyst618hye76t', '2017-02-02', 2789, 'Scheduled', 'Oil Change', '12:16:45'),
  ('123gh45rt7y6534rw', '2017-02-17', 20176, 'Repair', 'Brakes', '09:45:19');
/*!40000 ALTER TABLE `car_maintenance_history` ENABLE KEYS */;

-- Dumping structure for table 332.comment
CREATE TABLE IF NOT EXISTS `comment` (
  `member_num` int(20) NOT NULL,
  `vin` varchar(20) NOT NULL,
  `rating` enum('1','2','3','4') NOT NULL,
  `comment_text` varchar(100) NOT NULL,
  `comment_time` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE
  CURRENT_TIMESTAMP,
  PRIMARY KEY (`member_num`, `vin`, `comment_time`),
  KEY `FK_comment_car` (`vin`),
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KEY `FK_comment_member` (`member_num`),
CONSTRAINT `FK_comment_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`),
CONSTRAINT `FK_comment_member` FOREIGN KEY (`member_num`) REFERENCES `member`
(`member_num`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Dumping data for table 332.comment: ~2 rows (approximately)

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/*!40000 ALTER TABLE `comment` DISABLE KEYS */;
INSERT INTO `comment` (`member_num`, `vin`, `rating`, `comment_text`, `comment_time`) VALUES
(123456, '123gh45rt7y6534rw', '3', 'Had a great time!', '2017-03-02 00:13:57'),
(654321, '736hfyst618hye76t', '4', 'Great ride!', '2017-03-02 00:13:18');
/*!40000 ALTER TABLE `comment` ENABLE KEYS */;

```

-- Dumping structure for table 332.member

```

CREATE TABLE IF NOT EXISTS `member` (
  `member_num` int(20) NOT NULL,
  `f_name` varchar(50) NOT NULL,
  `l_name` varchar(50) NOT NULL,
  `phone_num` varchar(10) NOT NULL,
  `email` varchar(50) DEFAULT NULL,
  `license_num` varchar(20) NOT NULL,
  `annual_mem_fee` decimal(15,2) NOT NULL,
  `role` enum('User','Admin') NOT NULL,
  `username` varchar(20) NOT NULL,
  `password` varchar(50) NOT NULL,
  PRIMARY KEY (`member_num`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Dumping data for table 332.member: ~2 rows (approximately)

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/*!40000 ALTER TABLE `member` DISABLE KEYS */;
INSERT INTO `member` (`member_num`, `f_name`, `l_name`, `phone_num`, `email`, `license_num`,
`annual_mem_fee`, `role`, `username`, `password`) VALUES
(123456, 'Mitch', 'Mulder', '905-756-73', NULL, 'L4762-73672-37262', 100.25, 'User', 'MitchMulder',
'rVs7ucMHad1i8V'),
(654321, 'Michael', 'Tanel', '905-362-37', 'michael.tanel@queensu.ca', 'M6352-72653-74653', 100.25,
'Admin', 'MichaelTanel', 'uThQkusSKCtym4');
/*!40000 ALTER TABLE `member` ENABLE KEYS */;

```

-- Dumping structure for table 332.parking_location

```

CREATE TABLE IF NOT EXISTS `parking_location` (
  `parking_address` varchar(50) NOT NULL,
  `num_spaces` int(10) NOT NULL,
  PRIMARY KEY (`parking_address`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Dumping data for table 332.parking_location: ~1 rows (approximately)

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/*!40000 ALTER TABLE `parking_location` DISABLE KEYS */;
INSERT INTO `parking_location` (`parking_address`, `num_spaces`) VALUES
('20 Division St', 100),
('67 Albert St', 55);
/*!40000 ALTER TABLE `parking_location` ENABLE KEYS */;

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-- Dumping structure for table 332.rental_history

```

CREATE TABLE IF NOT EXISTS `rental_history` (
  `vin` varchar(20) NOT NULL,
  `member_num` int(20) NOT NULL,
  `pick-up_odometer_reading` int(20) NOT NULL,
  `drop-off_odometer_reading` int(20) NOT NULL,

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`status` enum('Normal','Damaged','Not Running') NOT NULL,
`rent_date` date NOT NULL,
`pick-up_time` time NOT NULL,
`drop-off_time` time NOT NULL,
PRIMARY KEY (`rent_date`,`vin`,`member_num`),
KEY `FK_member_rental_history_member` (`member_num`),
KEY `FK_rental_history_car` (`vin`),
CONSTRAINT `FK_member_rental_history_member` FOREIGN KEY (`member_num`) REFERENCES `member`
(`member_num`),
CONSTRAINT `FK_rental_history_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

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-- Dumping data for table 332.rental_history: ~2 rows (approximately)
/*!40000 ALTER TABLE `rental_history` DISABLE KEYS */;
INSERT INTO `rental_history` (`vin`,`member_num`,`pick-up_odometer_reading`,`drop-off_odometer_reading`,
`status`,`rent_date`,`pick-up_time`,`drop-off_time`) VALUES
('123gh45rt7y6534rw', 123456, 34576, 37645, 'Normal', '2017-03-02', '00:00:00', '13:12:13'),
('736hfyst618hye76t', 654321, 3245, 7654, 'Normal', '2017-03-02', '08:56:17', '12:34:19');
/*!40000 ALTER TABLE `rental_history` ENABLE KEYS */;

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-- Dumping structure for table 332.reservation
CREATE TABLE IF NOT EXISTS `reservation` (
`reservation_num` int(11) NOT NULL AUTO_INCREMENT,
`member_num` int(20) NOT NULL,
`vin` varchar(20) NOT NULL,
`reservation_date` date NOT NULL,
`access_code` int(20) NOT NULL,
`reservation_length` int(5) NOT NULL,
PRIMARY KEY (`reservation_num`),
KEY `FK_reservation_car` (`vin`),
KEY `FK_reservation_member` (`member_num`),
CONSTRAINT `FK_reservation_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`),
CONSTRAINT `FK_reservation_member` FOREIGN KEY (`member_num`) REFERENCES `member`
(`member_num`)
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1;

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-- Dumping data for table 332.reservation: ~2 rows (approximately)
/*!40000 ALTER TABLE `reservation` DISABLE KEYS */;
INSERT INTO `reservation` (`reservation_num`,`member_num`,`vin`,`reservation_date`,`access_code`,
`reservation_length`) VALUES
(1, 654321, '736hfyst618hye76t', '2017-03-02', 1234, 2),
(2, 123456, '123gh45rt7y6534rw', '2017-03-02', 432176, 4);
/*!40000 ALTER TABLE `reservation` ENABLE KEYS */;

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/*!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 */;

```