Group 9

Eric Garcia

Nathan Schapher

Eduardo Jimenez

1. Provide link to GitHub repository for TAs to view the code? (5 point)

* <https://github.com/Nate7204/4353Project>

1. Provide SQL statements to create database.(3 points)

-- phpMyAdmin SQL Dump

-- version 5.1.0

-- https://www.phpmyadmin.net/

--

-- Host: 127.0.0.1

-- Generation Time: Mar 29, 2021 at 11:44 PM

-- Server version: 10.4.18-MariaDB

-- PHP Version: 8.0.3

SET SQL\_MODE = "NO\_AUTO\_VALUE\_ON\_ZERO";

START TRANSACTION;

SET time\_zone = "+00:00";

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8mb4 \*/;

--

-- Database: `fuel`

--

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

--

-- Table structure for table `fuel`

--

CREATE TABLE `fuel` (

`gallons` float NOT NULL,

`address` varchar(50) NOT NULL,

`date` date NOT NULL,

`suggested` float NOT NULL,

`total` decimal(10,0) NOT NULL,

`username` varchar(50) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

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

--

-- Table structure for table `profile`

--

CREATE TABLE `profile` (

`username` varchar(50) NOT NULL,

`password` varchar(100) NOT NULL,

`name` varchar(50) NOT NULL,

`addressOne` varchar(50) NOT NULL,

`addressTwo` varchar(50) NOT NULL,

`city` varchar(50) NOT NULL,

`state` varchar(50) NOT NULL,

`zip` int(50) NOT NULL,

`newUser` tinyint NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--

-- Indexes for dumped tables

--

--

-- Indexes for table `fuel`

--

ALTER TABLE `fuel`

ADD KEY `username` (`username`);

--

-- Indexes for table `profile`

--

ALTER TABLE `profile`

ADD PRIMARY KEY (`username`);

--

-- Constraints for dumped tables

--

--

-- Constraints for table `fuel`

--

ALTER TABLE `fuel`

ADD CONSTRAINT `fuel\_ibfk\_1` FOREIGN KEY (`username`) REFERENCES `profile` (`username`);

COMMIT;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

1. Provide code coverage report. (2 points)

A picture containing text, scoreboard

Description automatically generated

1. **IMPORTANT: list who did what within the group. TAs should be able to validate in GitHub, otherwise team members who didn't contribute will receive a ZERO.**
   * Nathan created the database tables in MYSQL and we all discussed what should be in the tables. Eric worked on sending the user login information to the database and encrypting the password as well as adding unit tests to the new code we added. Nathan worked on retrieving data from the database and querying the fuel history. Eduardo worked on querying the profile information from the user to the database Profile table.