

# Output and Links

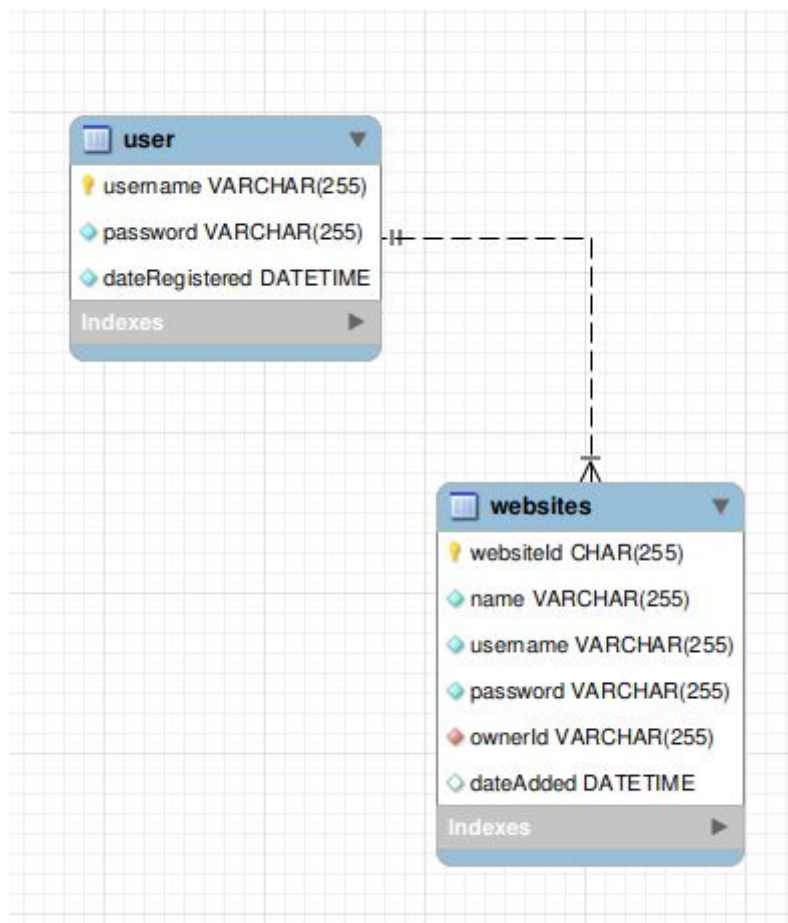
**Shreyans Saha**  
**17BCE1148**

Notes:

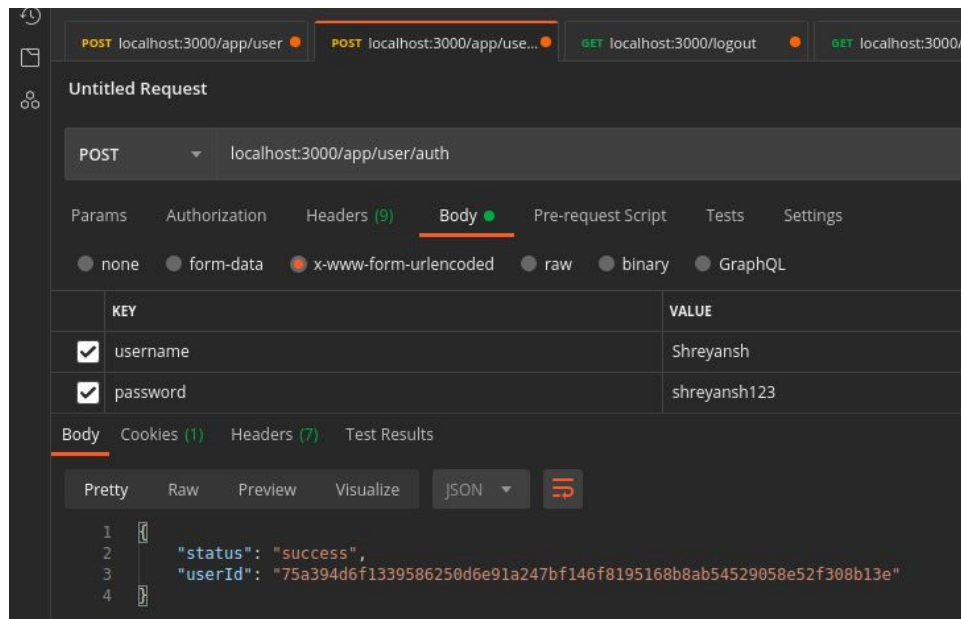
1. User login password is always hashed using md5
2. User website passwords are encrypted using user login password + secret key
3. All mysql queries are handled via procedures
4. All mysql statements in nodejs are promises and use async/await

**Swagger API Documentation:** [Workindia Password Manager](#)

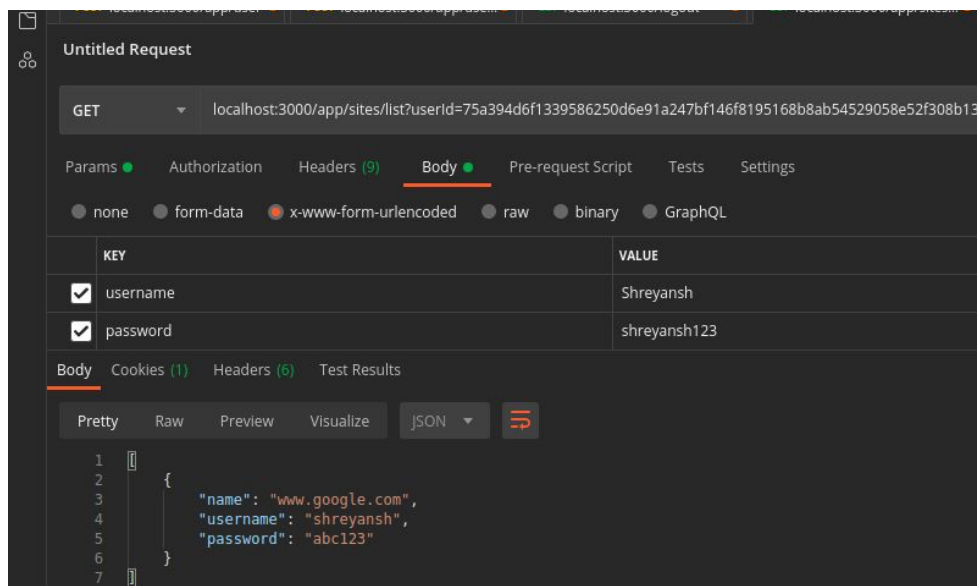
GitHub Link:



ER Diagram using Workbench



Getting user ID which is different for every session (for security)



Decrypted website password

```

mysql> select * from user;
+-----+-----+-----+
| username | password | dateRegistered |
+-----+-----+-----+
| Shreyansh | 2a4faf74307db39593136fc0d5b2ce68 | 2020-07-21 10:57:11 |
+-----+-----+-----+
1 row in set (0.01 sec)

```

Hashed user password

```
mysql> select * from websites;
+-----+-----+-----+-----+-----+-----+
| websiteId | name | username | password | ownerId | dateAdded |
+-----+-----+-----+-----+-----+-----+
| 857111a8-cb18-11ea-9b4c-30e37a9ed28e | www.google.com | shreyansh | d9714a7f08d8449d530e6102cbd68ed8 | Shreyansh | 2020-07-21 11:37:56 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Encrypted website password using AES-128