# Project 3 Screenshots of GUI - A Two-Tier Client-Server Application

1. GUI Areas

SQL Client Applicat	ion			_	
Connection Detail	ls		Enter SQL Command		
Username:					
Password:					
Properties File:	project3.properties	-			
User:	root.properties	•			
Connect	Disconnect				
NO CONNECTION	ESTABLISHED		Clear Command	Clear Results	Execute
					Close
					Close

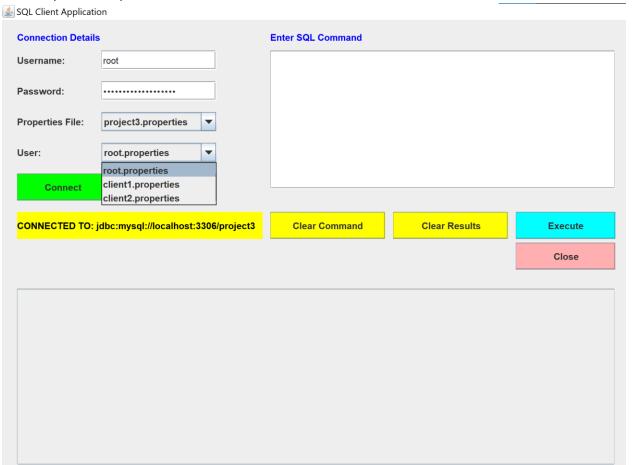
## 2. Initial Connection

SQL Client Applicat	tion			
Connection Detai	ils	Enter SQL Command		
Username:	root			
Password:				
Properties File:	project3.properties ▼			
User:	root.properties ▼			
Connect	Disconnect			
CONNECTED TO	: jdbc:mysql://localhost:3306/project3	Clear Command	Clear Results	Execute
COMMEDIED TO	. jube.mysqi.//iocamost.3300/project3	Olear Collinand	Olear Results	Lxecute
				Close

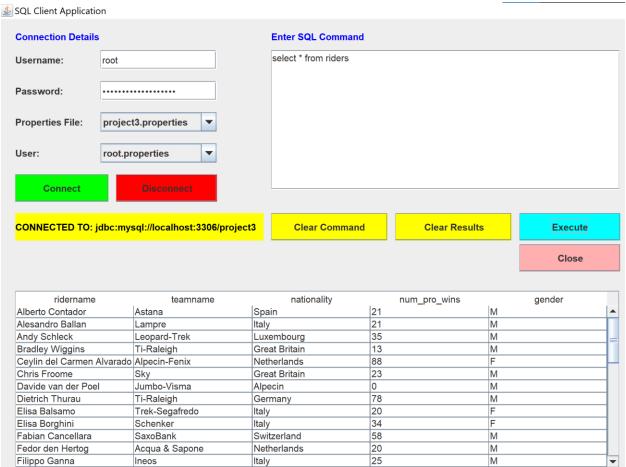
## 3. Database Dropdown Menu

	ion			
Connection Detail	s	Enter SQL Command		
Username:	root			
Password:				
Properties File:	project3.properties ▼			
User:	project3.properties bikedb.properties			
Connect	Disconnect			
CONVECTED TO		Share Summard	Olean Perselle	<b>-</b>
CONNECTED TO:	jdbc:mysql://localhost:3306/project3	Clear Command	Clear Results	Execute
				Close

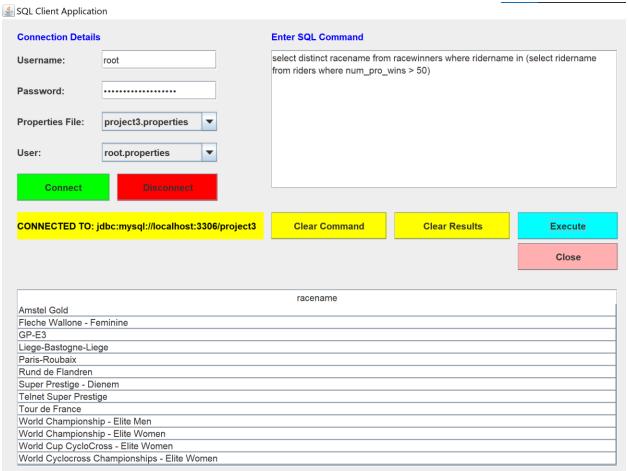
## 4. User Properties Dropdown Menu



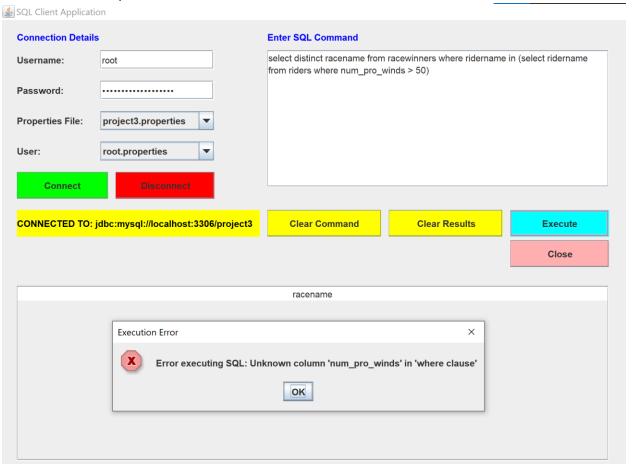
## 5. Root project3 Select Command & Results



## 6. Root project3 Complicated Query

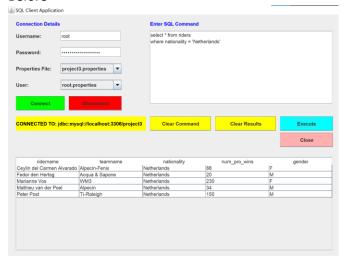


## 7. SQL Command Entry Error

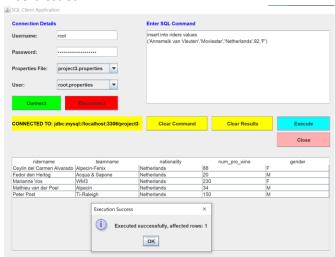


#### 8. Non-query Command Handling

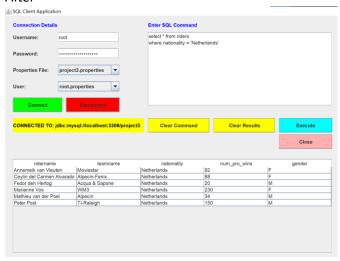
## a. Before



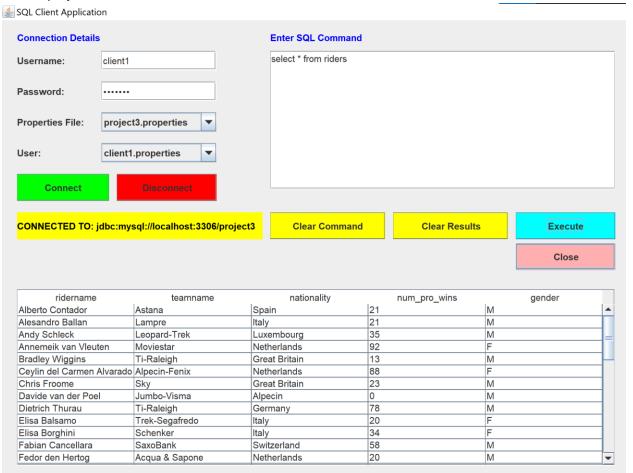
#### b. Insert Issued



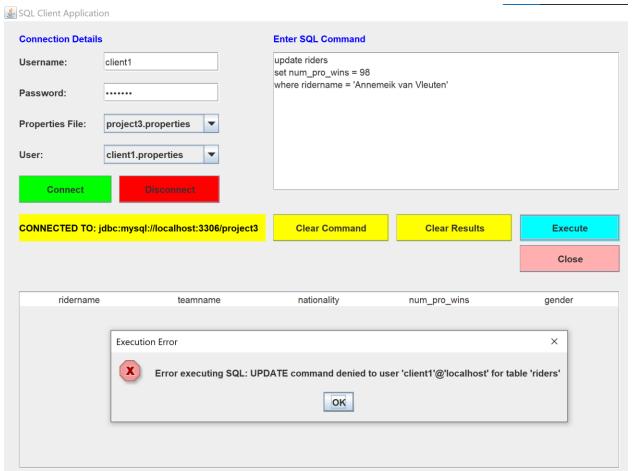
#### c. After



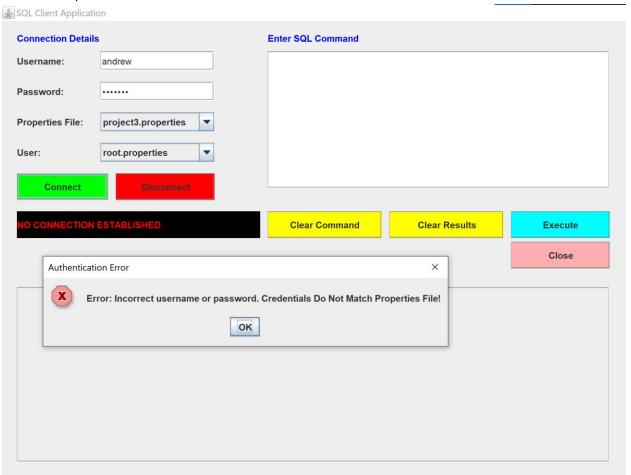
#### 9. Client1 project3 Select Command



#### 10. Client1 Not Allowed Command

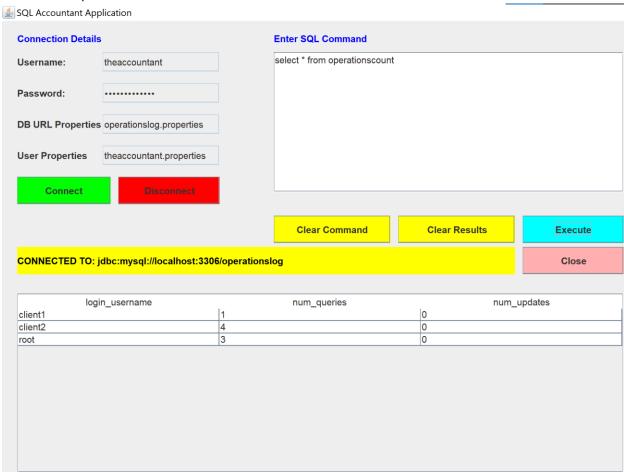


## 11. Mismatched/Incorrect Credentials for Connection

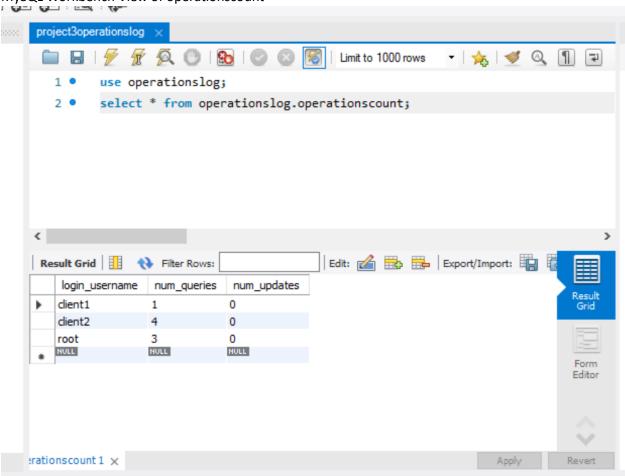


# **Accountant Specific Screenshots**

- 12. Accountant GUI (shown with 13 below)
- 13. Accountant operations count



14. MySQL Workbench View of operationscount



# 15. Different theaccountant Query

theaccountant	Enter SQL Command		
theaccountant			
	select num_queries from operationscount		
	where login_username = "client2"		
operationslog.properties			
theaccountant.properties			
Disconnect			
	Clear Command	Clear Results	Execute
bc:mysql://localhost:3306/oper	rationslog		Close
	num_queries		
t	theaccountant.properties  Disconnect	Disconnect  Clear Command  bc:mysql://localhost:3306/operationslog	Disconnect  Clear Command Clear Results  Clear Results