Sports Center Membership System	
Software Design Description	Date: 27/04/2018



# BBM384 -Software Engineering Laboratory

# **Sports Center Membership System Sequence Diagrams**

# Group 4:

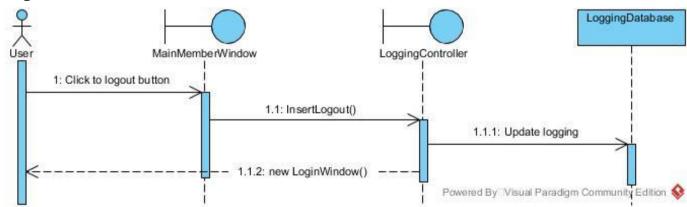
Aycan ÖZMEN – 21427248 Muazzez Şule KARAŞLAR-21427066 İlayda KAYA- 21580836 Mustafa DANYILDIZ – 21426845 Uğurcan ÇİFTÇİ -21526863

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#### 1.Login

UserDatabase LoginWindow 1: Enter username and password 2: Press login button 2.1: GetAllUser(string name, string password) 2.1.1: SQL statement to get user 2.1.2: new user() alt {usertype == member} ---- 2.2: new Member(user) 2.3: InsertLog() {usertype==trainer} 2.3.1: INSERT INTO logging(userid,logindate) ---- 2.4: new Trainer(user) -{usertype==branchmanager} ---- 2.5: new BranchManager(user) -(usertype == systemmanager) --- 2.6: new SystemManager(user) --2.6.1: show new window

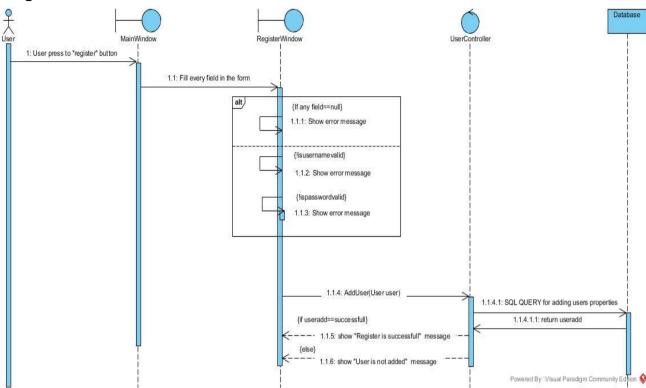
# 2.Logout



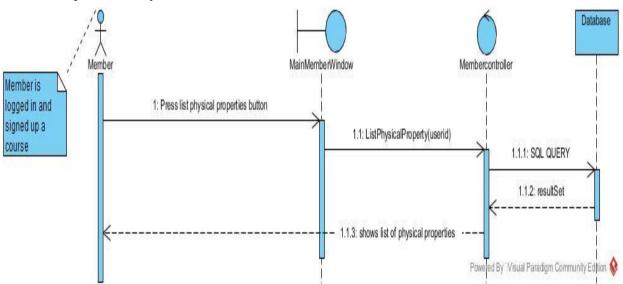
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# 3.Register

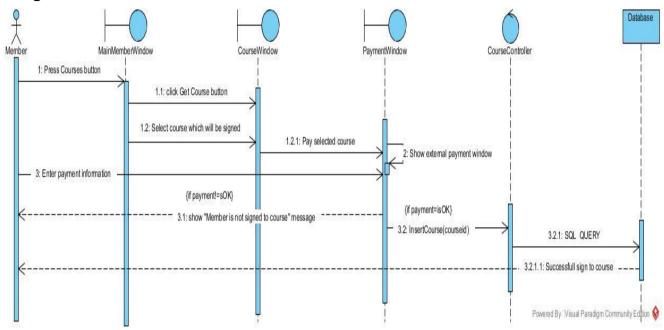


# 4. List Physical Properties

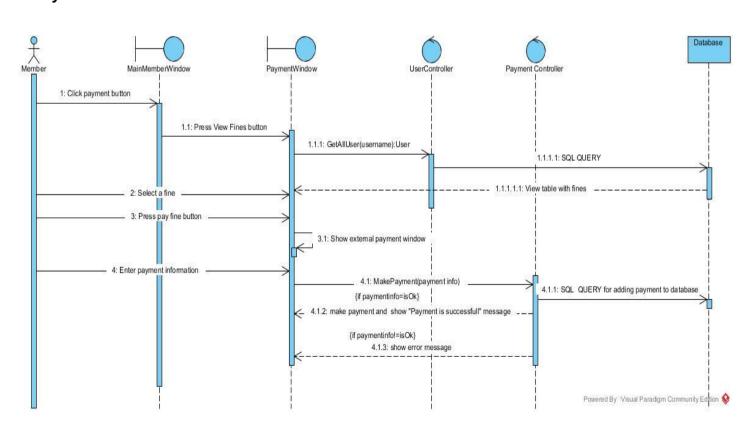


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# 5. Sign Course

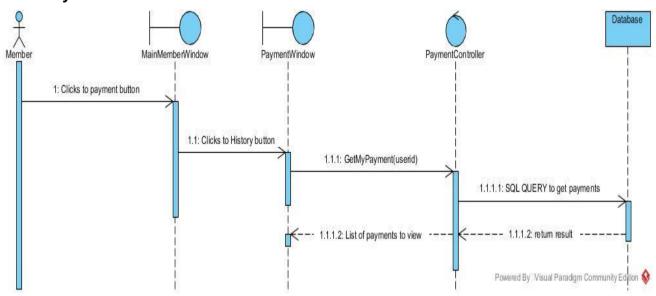


# 6. Pay fine

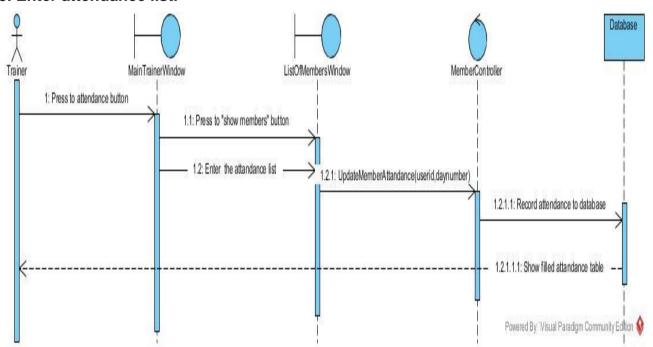


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# 7. History

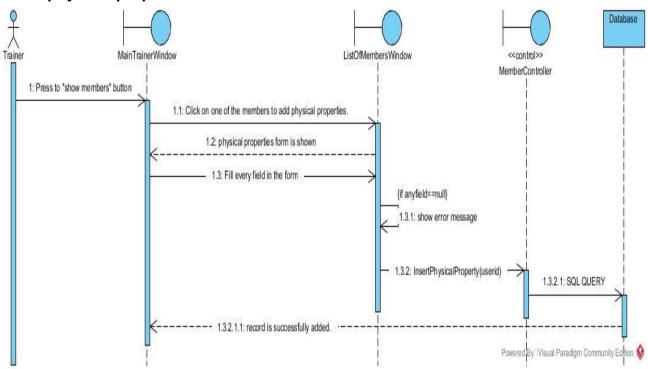


#### 8. Enter attendance list.

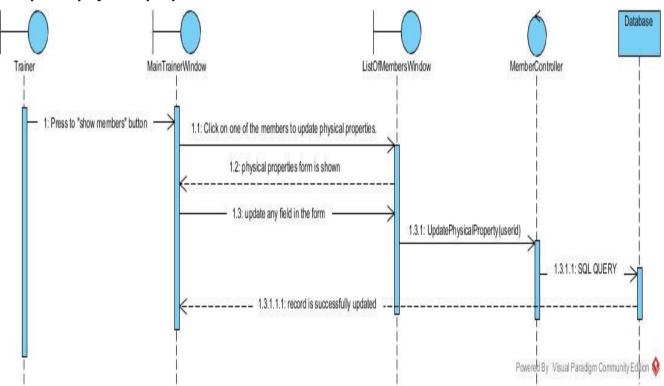


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# 9. Add physical properties of members.

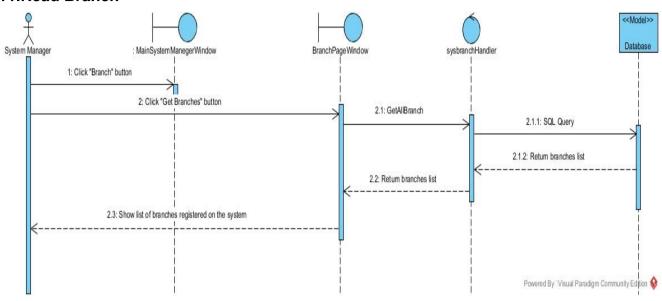


# 10.Update physical properties of members.

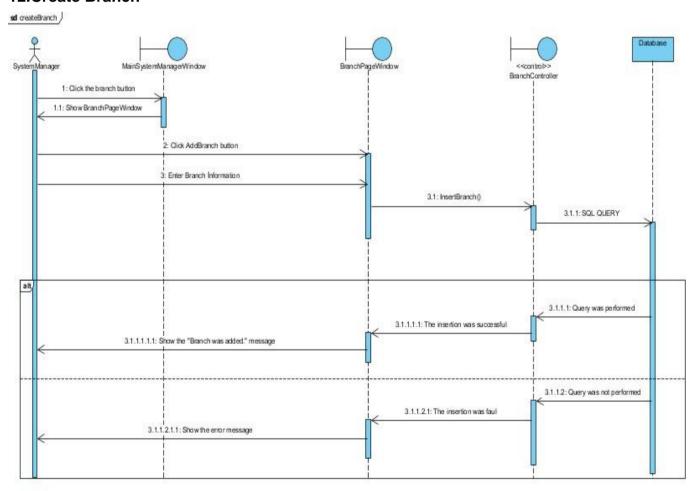


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#### 11.Read Branch

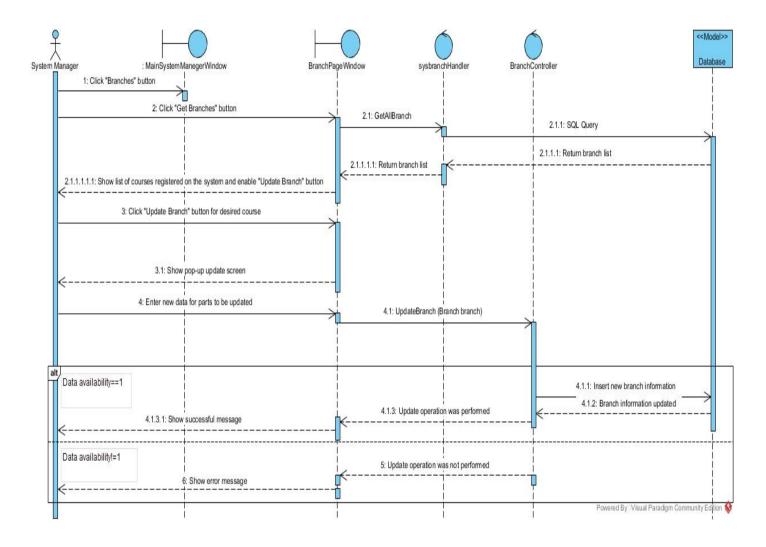


#### 12.Create Branch



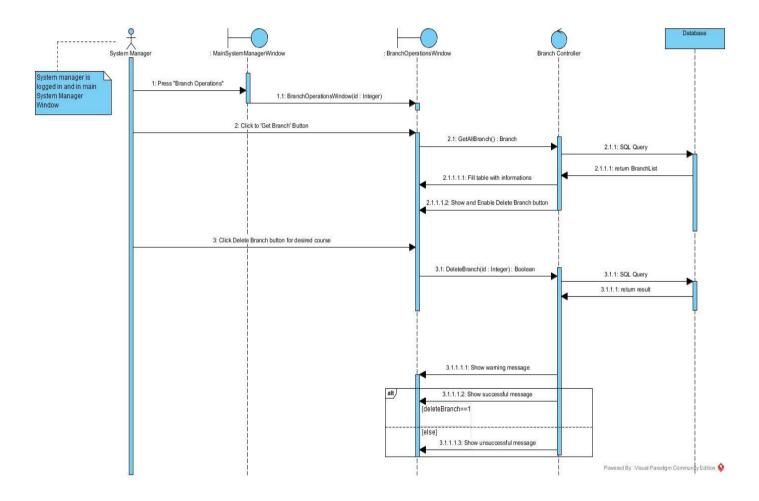
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# 13.Update Branch



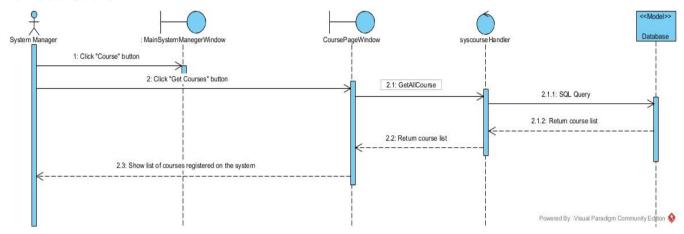
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#### 14.Delete Branch

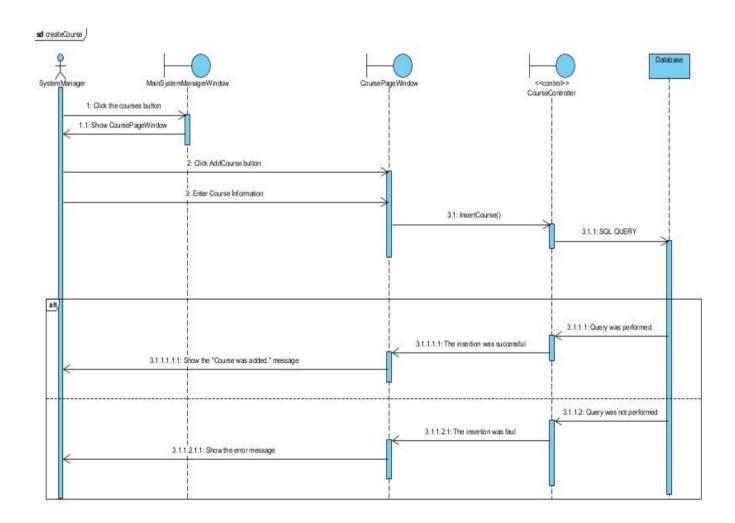


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#### 15.Read Course

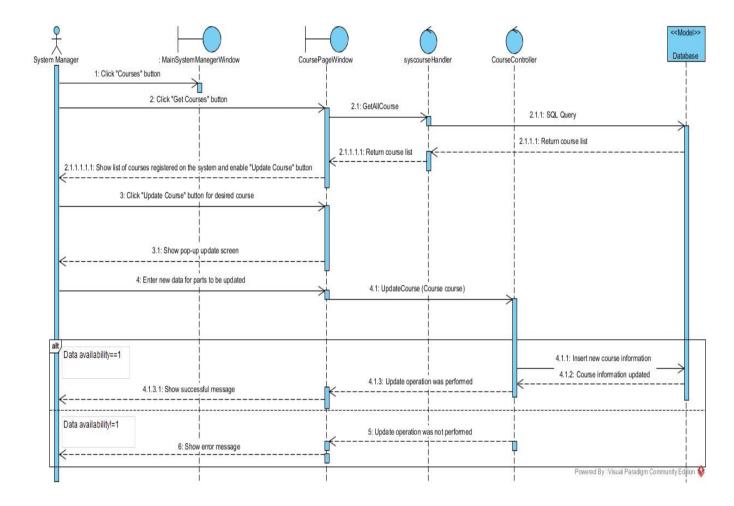


#### **16.Create Course**



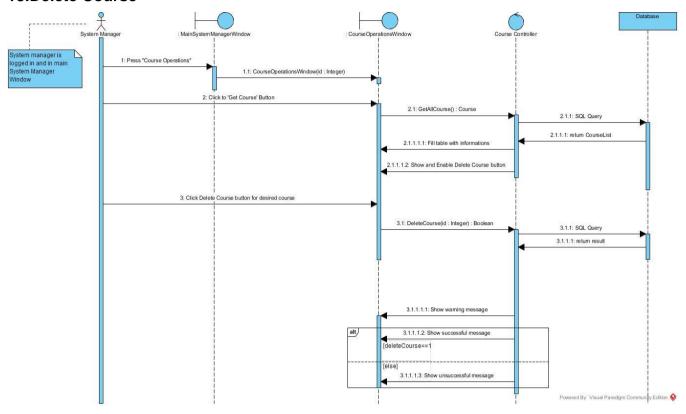
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# 17. Update Course

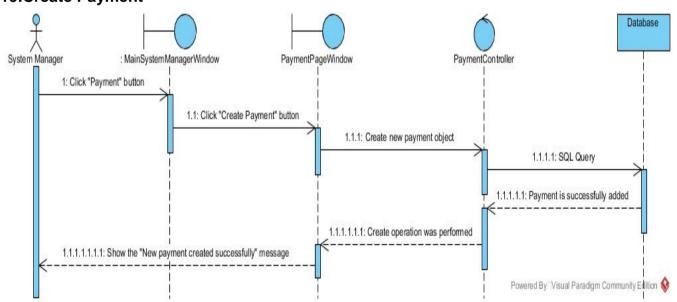


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#### 18.Delete Course

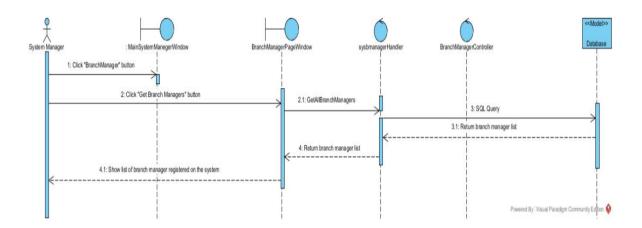


# 19.Create Payment

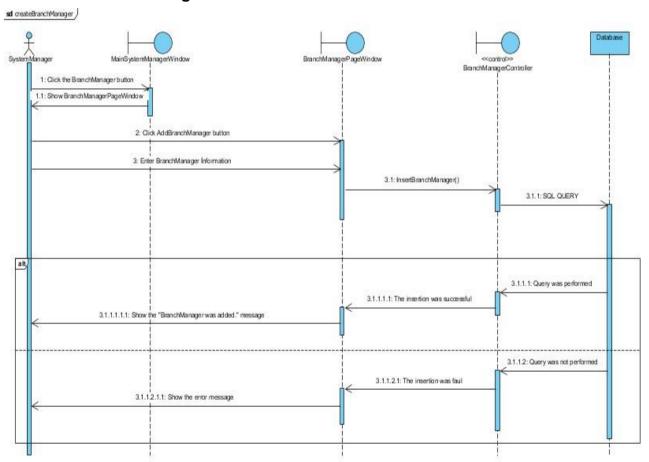


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# 20.Read Branch Manager

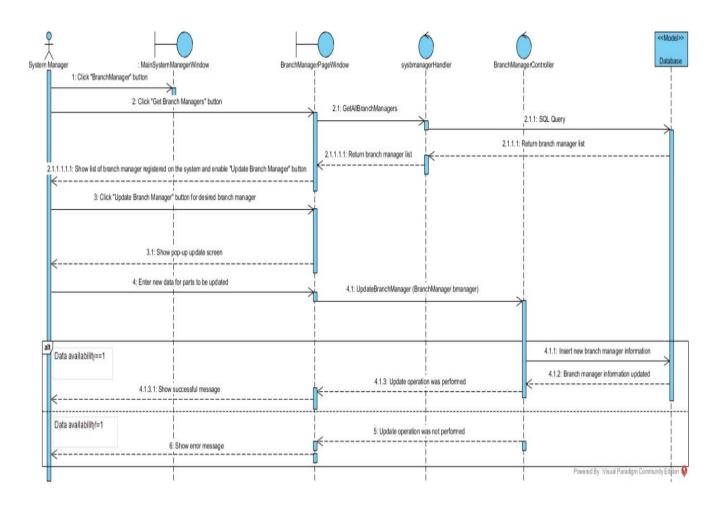


# 21.Create Branch Manager



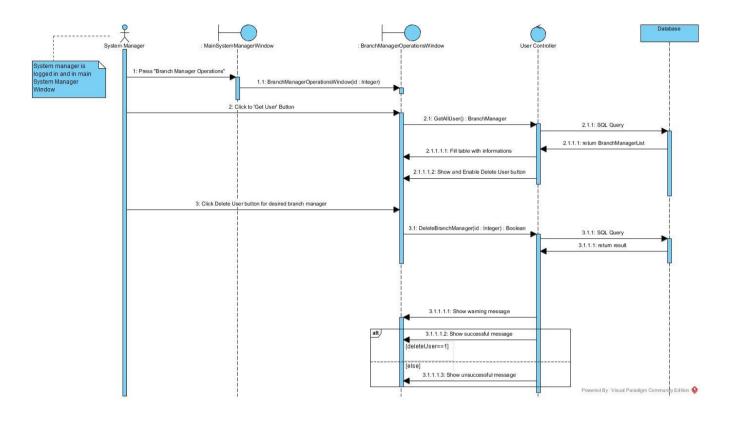
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# 22. Update Branch Manager

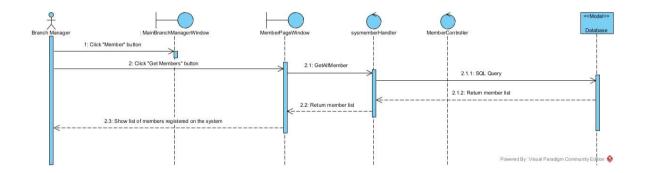


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# 23.Delete Branch Manager

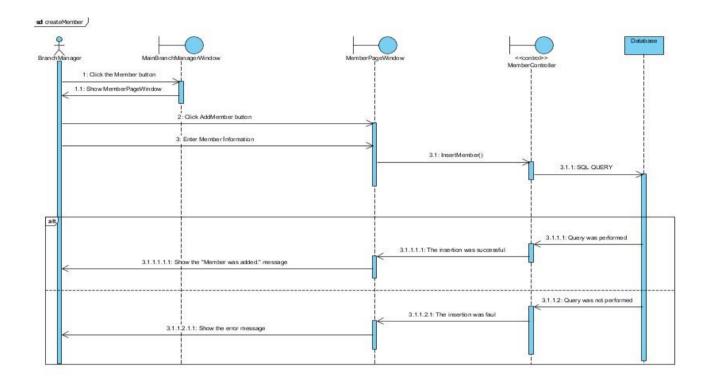


#### 24.Read Member

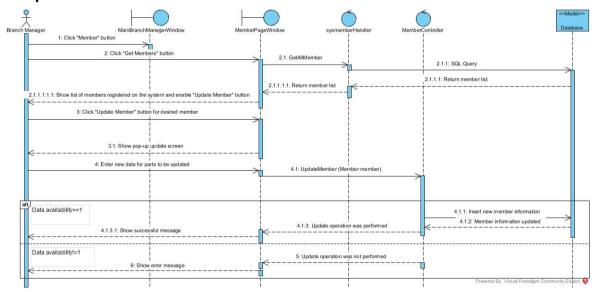


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#### 25.Create Member

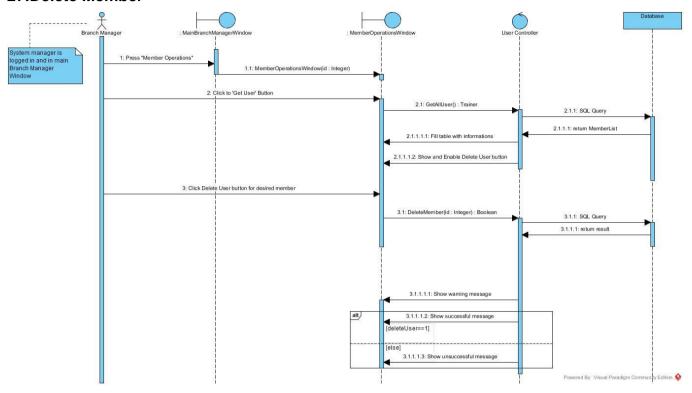


# 26.Update Member

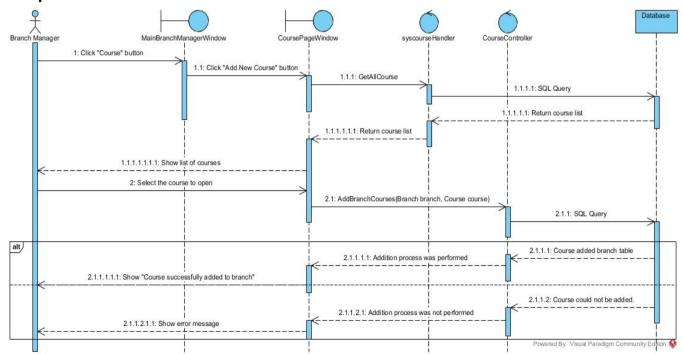


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#### 27.Delete Member

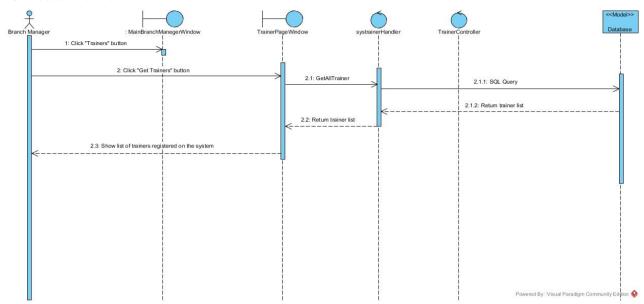


# 28. Open Course

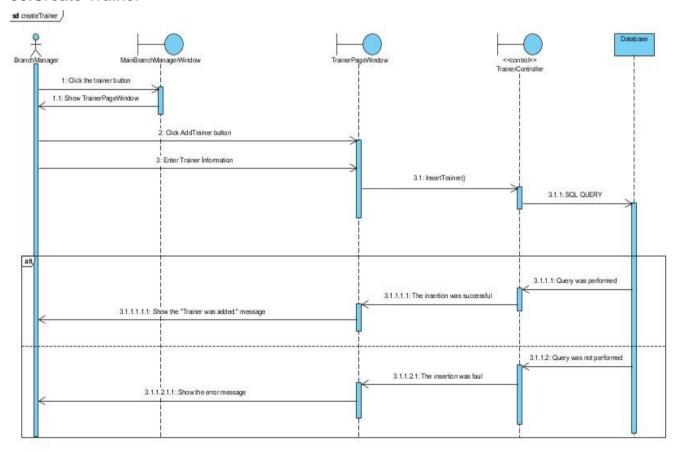


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# 29.Read Trainer

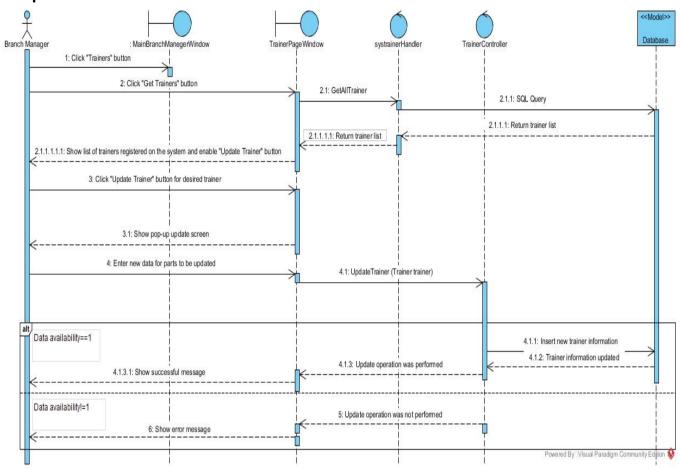


#### **30.Create Trainer**



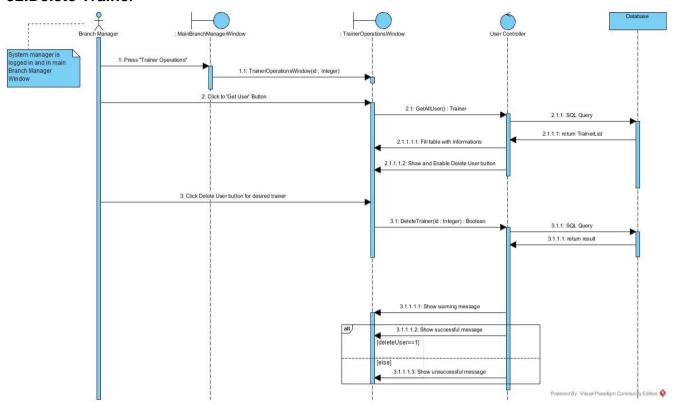
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# 31.Update Trainer

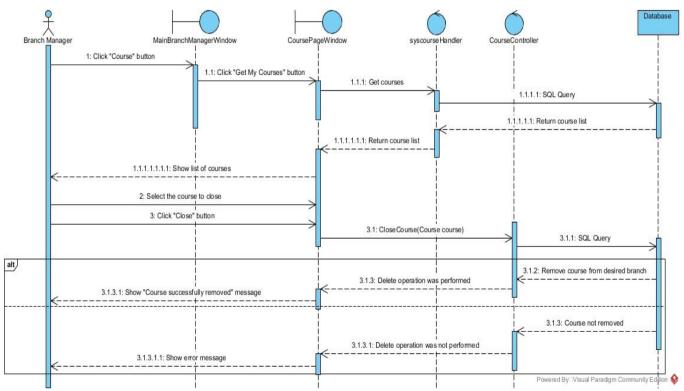


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#### 32.Delete Trainer



#### **33.Close Course**



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# 34. Activate Member

