**Лабораторная работа № 18.**

**Язык SQL. Добавление, изменение и удаление данных в таблицах средствами SQL**

Самусев Д. А. АСОИ-181

**Задание**

Необходимо для разрабатываемой БД написать по три команды INSERT, UPDATE, DELETE для каждой таблицы (с использованием различных функций).

**SQL скрипты**

USE JustInMind;

GO

UPDATE Tasks SET Name = SUBSTRING(Description, 1, LEN(Description)/2) + '...'

WHERE Name IS NULL AND Description IS NOT NULL;

GO

UPDATE Users SET Name = REPLACE(Name, Name, 'Dan')

WHERE Name = 'Daniel';

GO

UPDATE Feedbacks SET Text = SUBSTRING(Text,'-', Rate)

WHERE LEN(Text) < 50;

GO

UPDATE Attachements SET Reference = REPLACE(Reference, 'http', 'https');

GO

UPDATE Feedbacks SET Rate = Rate + 1

WHERE Rate < (SELECT AVG(Rate));

INSERT INTO dbo.Feedbacks (Rate, Text, TaskId, UserId)

VALUES (RIGHT('Well done - 5', 1), LEFT('Well done - 5', 9), 24, 11);

INSERT INTO dbo.Tasks (Name, Description, UrgencyId, CategoryId, UserId, StateId)

VALUES ('Add flag', '', 1, 1, 1, 2);

DELETE FROM Users

WHERE LOWER(Name) = Name;

DELETE FROM Feedbacks

WHERE Rate < (SELECT MIN(Rate) \* 2);

DELETE FROM Users

WHERE (SELECT Name AS Role

FROM Roles r WHERE r.Id = Id) LIKE 'A%' OR Name = REVERSE(Name);

UPDATE dbo.Histories

SET Action = Action + GETDATE();

UPDATE dbo.Comments

SET Text = Text + GETDATE();