**Phase 3 – Part 2: View-Based Questions**

### **View Creation**

**SQL Statement:**

CREATE OR REPLACE VIEW ProductionHouseInvestmentView AS

SELECT

ph.PId AS ProductionHouseId,

ph.Name AS ProductionHouseName,

COUNT(i.MovieId) AS TotalMoviesProduced,

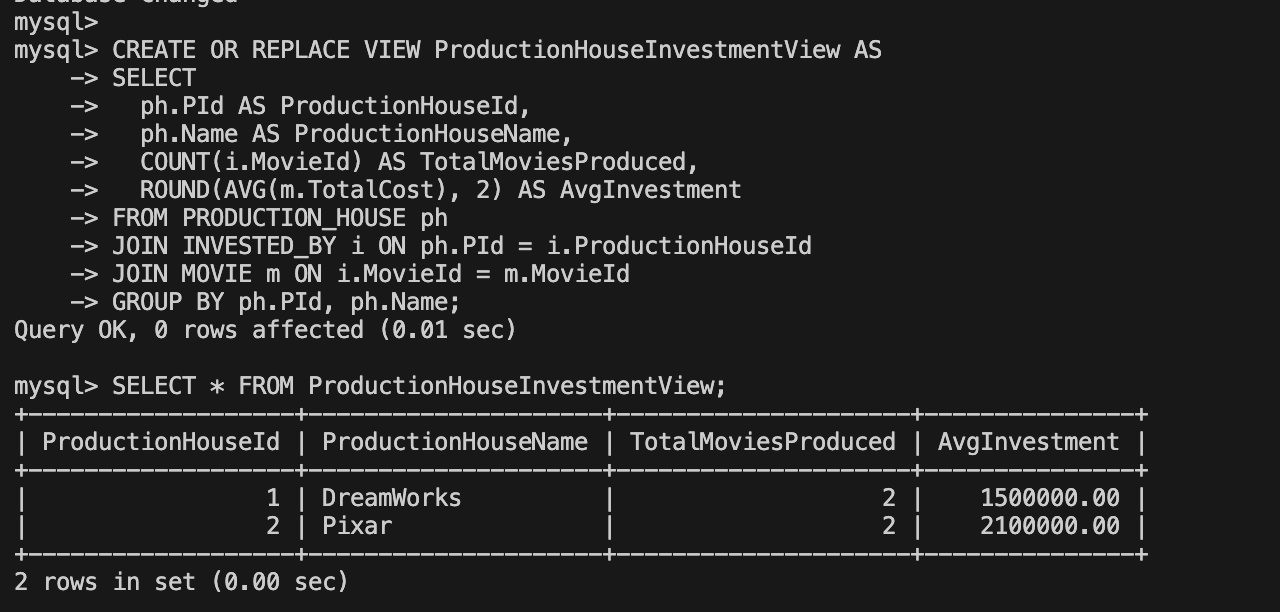
ROUND(AVG(m.TotalCost), 2) AS AvgInvestment

FROM PRODUCTION\_HOUSE ph

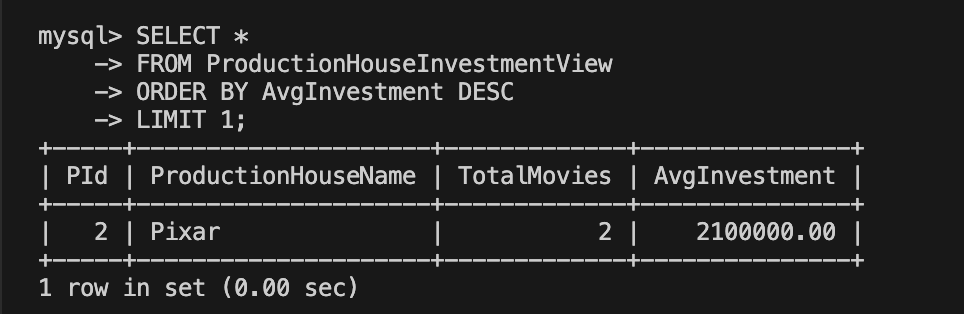
JOIN INVESTED\_BY i ON ph.PId = i.ProductionHouseId

JOIN MOVIE m ON i.MovieId = m.MovieId

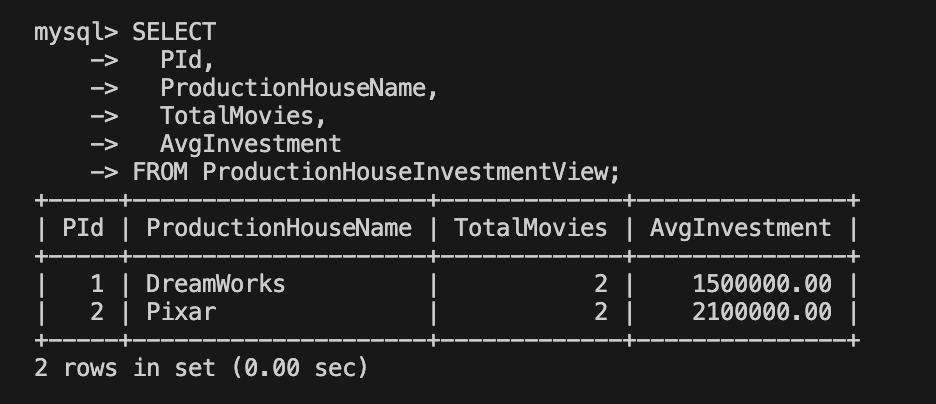
GROUP BY ph.PId, ph.Name;



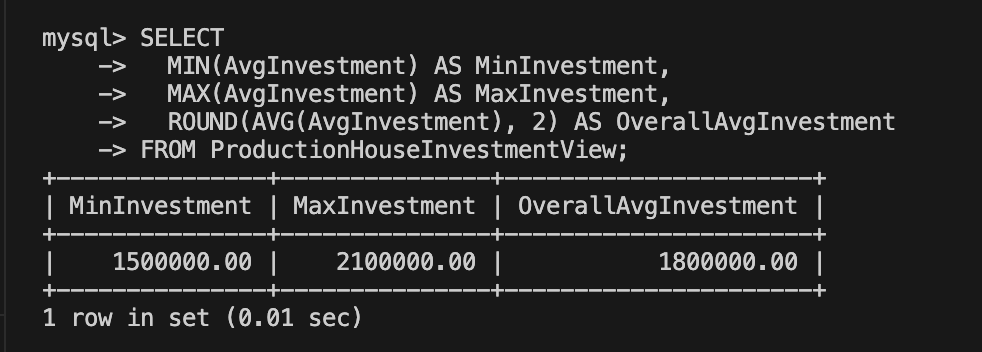
**Query 1: Production house with maximum average investment**

****

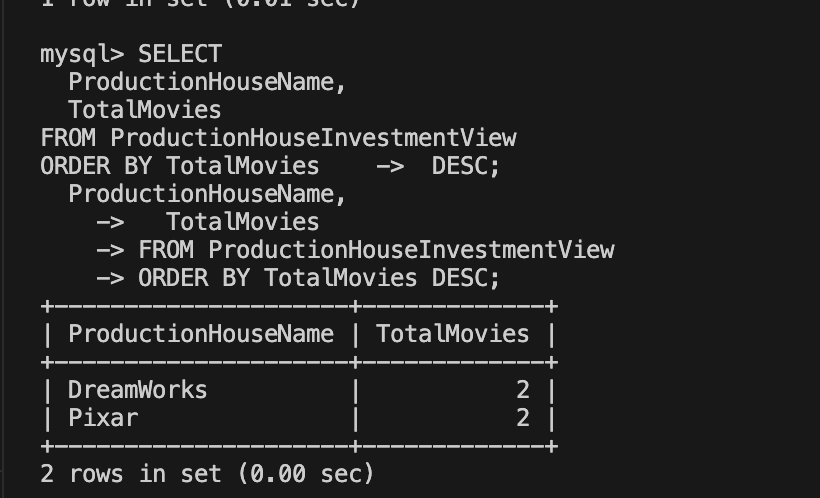
**Query 2: Total movies produced & average investment per production house**

****

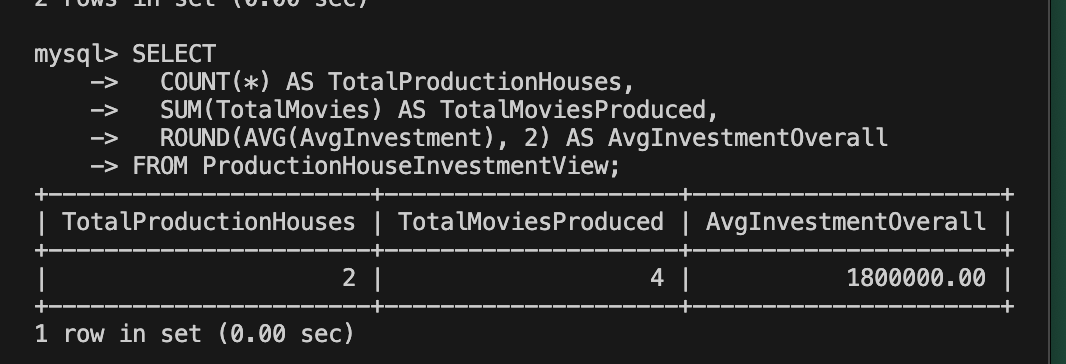
**Query 3: Minimum, maximum, and average investments across all production houses**

****

**Query 4: Production houses sorted by total number of movies (descending)**

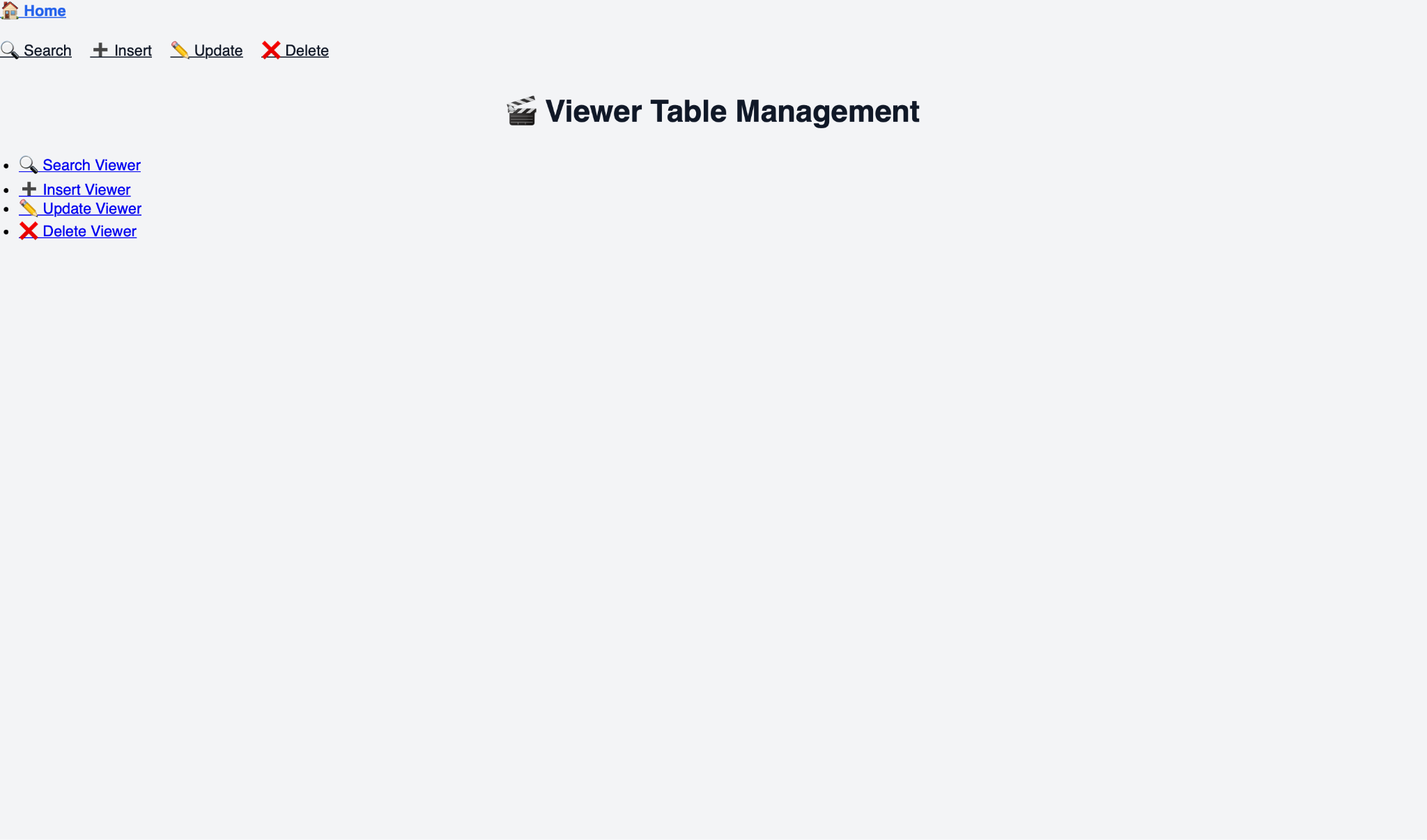
****

**Query 5: Total production houses, total movies, average investment overall**

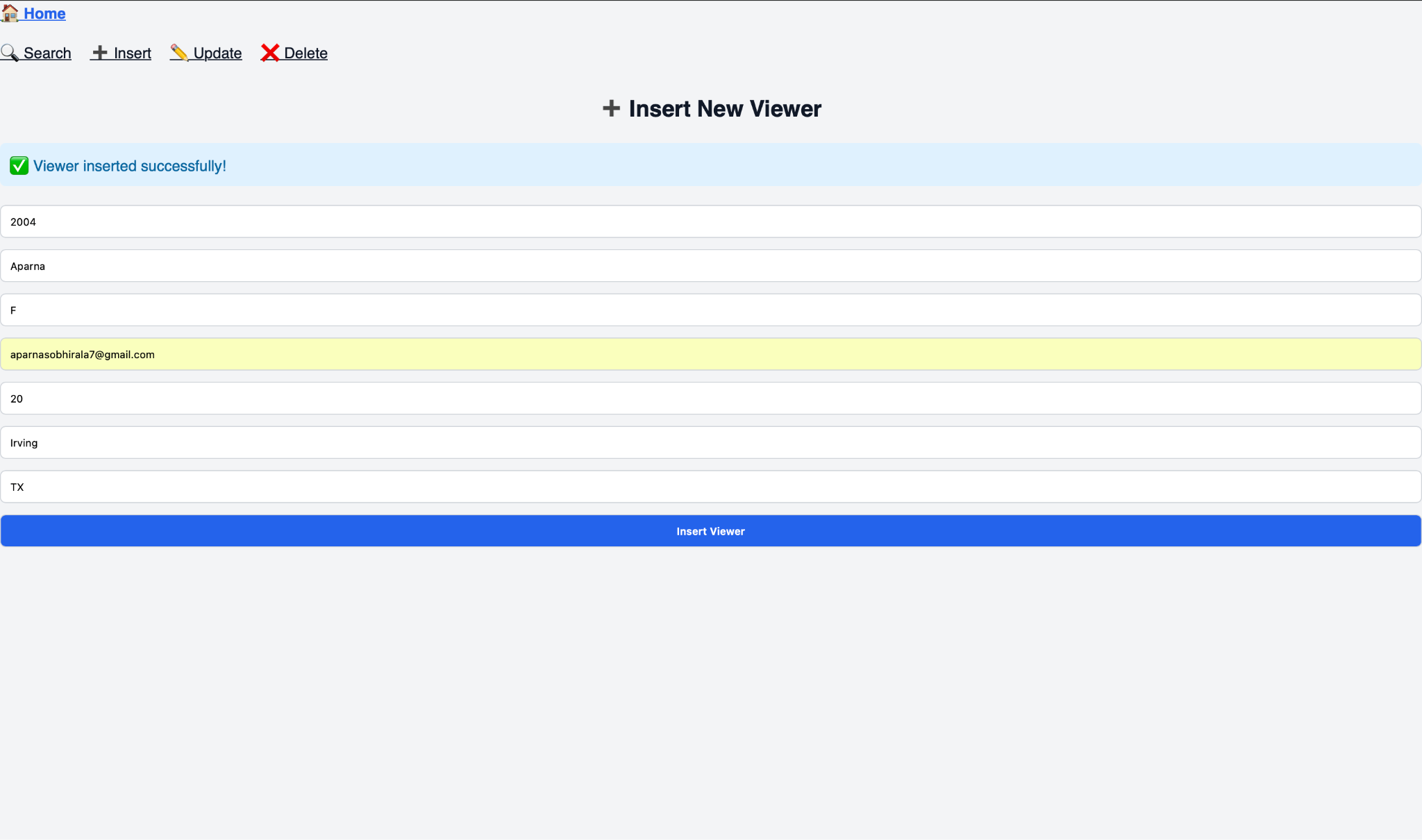
****

**USER INTERFACE**

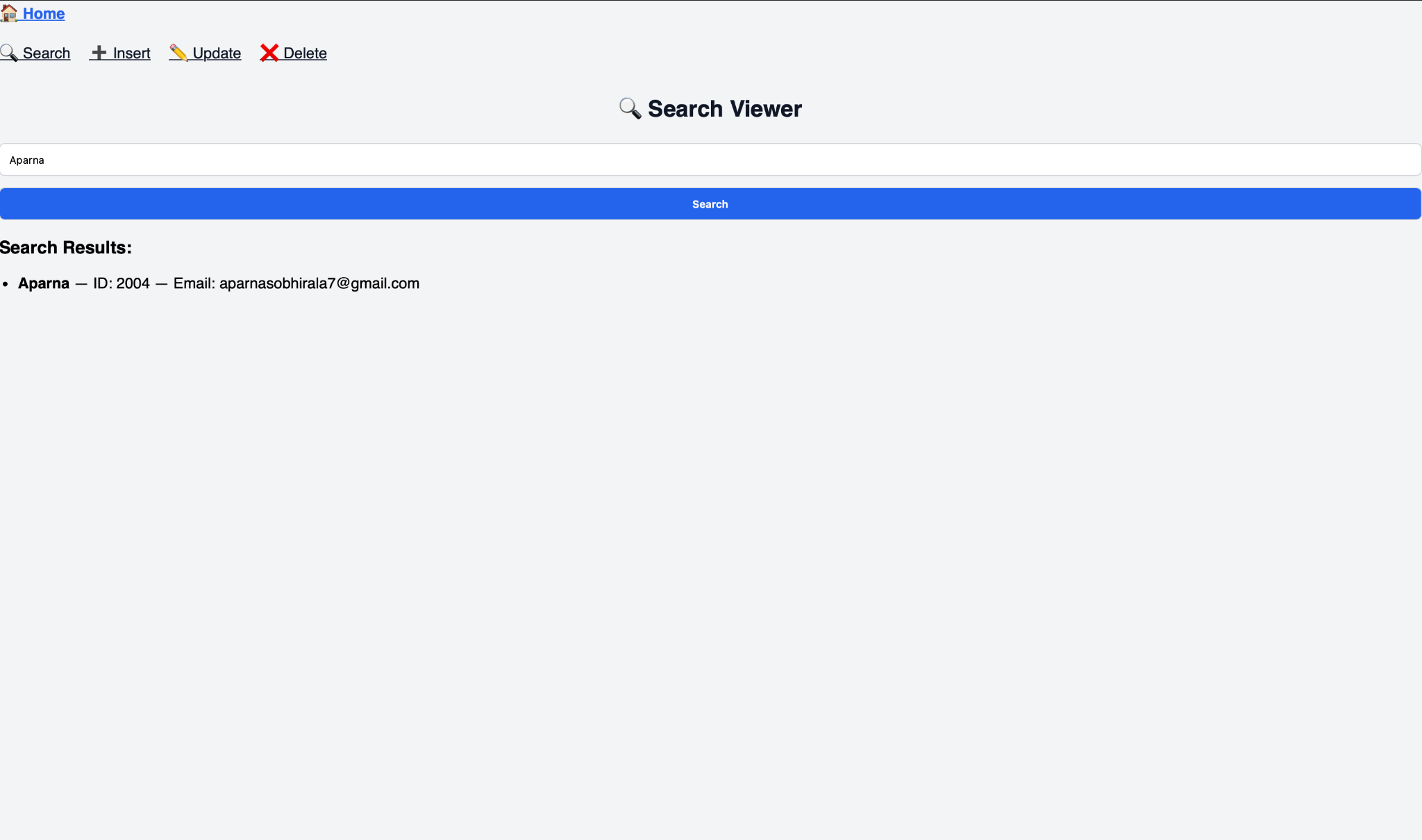
**Home**



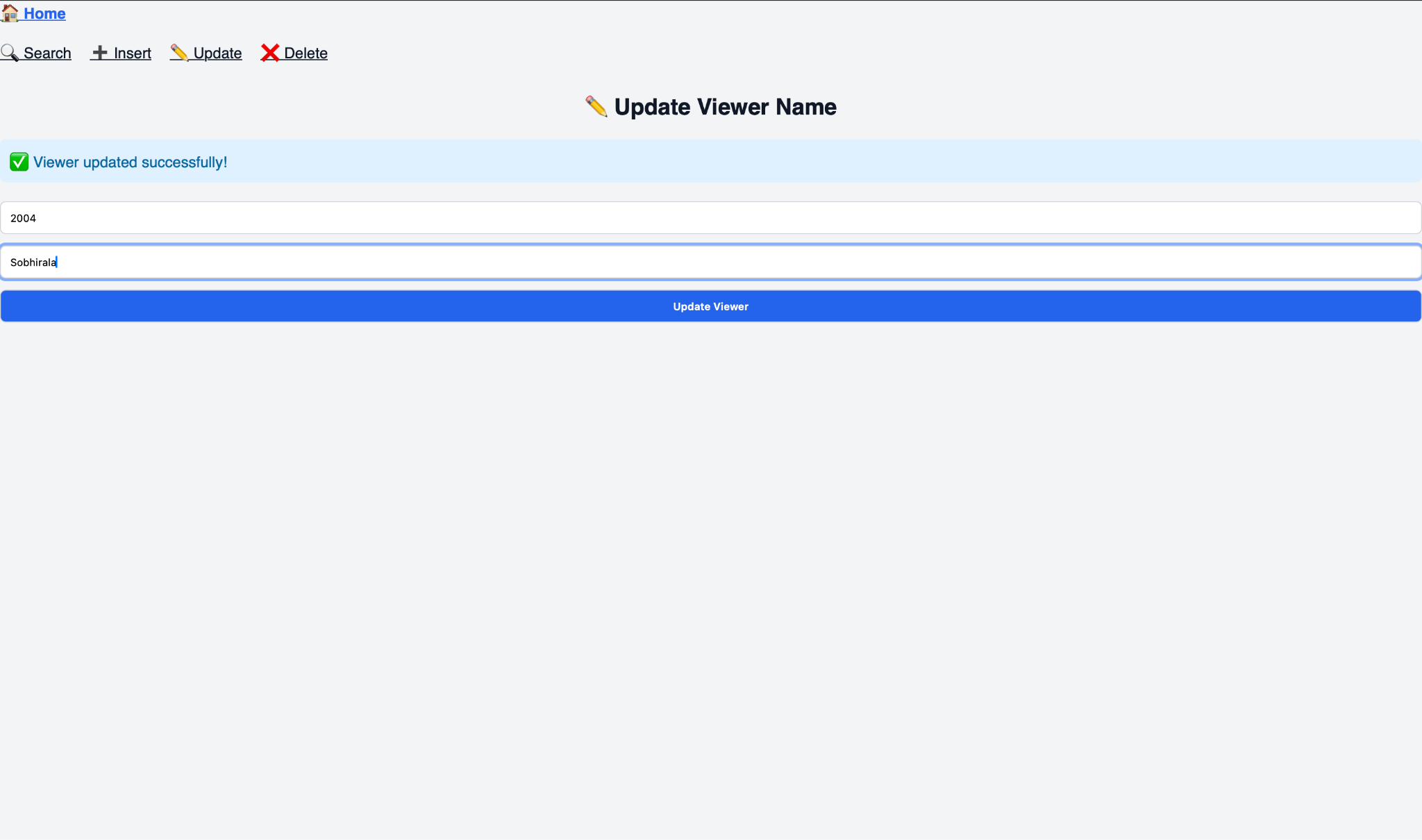
**Insert**

****

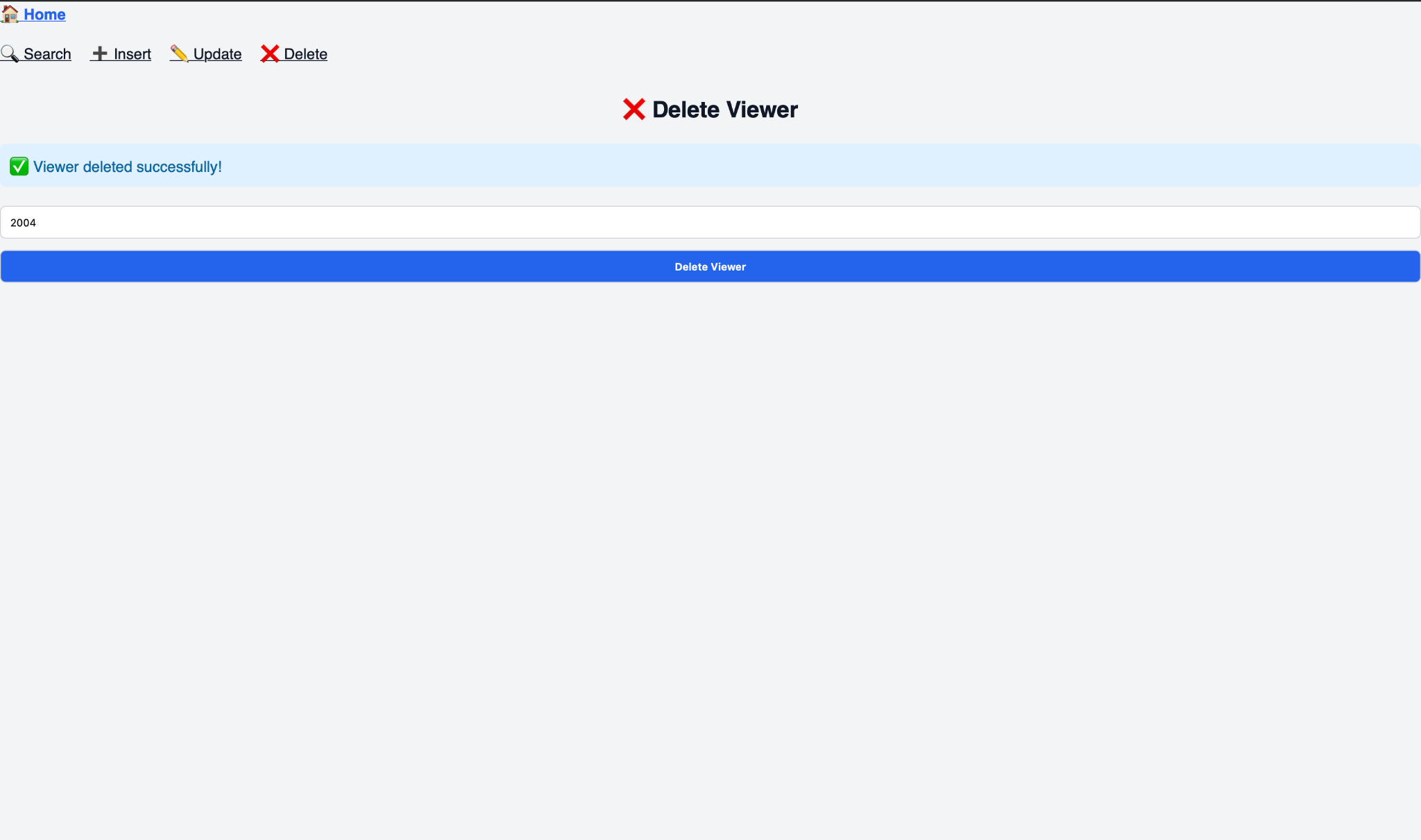
**Search**

****

**Update**

****

**Delete**

****