1. Workers and production managers, and producers are our users

D2 - Hiring a new worker/Insert new worker into workers

INSERT INTO Worker (DepartmentID, Name, SIN, Occupation, HourlyRate, UnionID

VALUES (2, “Daniel Brodsky”, “dog jerker”, 13253121, 10, 3)

D3 - Firing or laying off a worker/Delete worker from workers

DELETE FROM Worker

WHERE Name = “Daniel Brodsky”

**\*\* should we have this use WorkerID instead of name of employee?**

**\*\*\* Database should handle cascading deletion of timesheets, call sheets and payments when a worker is deleted**

D4 - Employee gets a raise/Worker hourly rate gets updated

UPDATE Worker

SET HourlyRate = 20

WHERE Name = “Daniel Brodsky”

**\*\* Same as d3, should we use name or workerID?**

D5 - Find all people names of one occupation working on a given movie/join Movie to Works on to Worker

SELECT W.Name

FROM Worker W, WorkerOn, O, Movie M

WHERE W.WorkerID = O.WorkerID AND O.ProductionID = M.ProductionID AND Movie =

“MOVIE TITLE” AND W.Occupation = “OCCUPATION”

D6 - Find timetables submitted by one crew member/join worker to Timetable

SELECT W.\*

FROM Worker W, TimeTable T

WHERE W.WorkerID = TimeTable.WorkerID

**\*Alternatively could find it by worker name and have a more complicated query**

D7 - Find all payments created by a manager/join manager to payment

SELECT P.\*

FROM Payment P, Manager M

WHERE M.ManagerID = P.PaymentID

**\*Alternatively could find it by manager name and have a more complicated query**

D8 - Separate between workers by their department/group workers by department name

(Count the amount of workers in each department)

SELECT count(w.DepartmentID) AS PeopleInDept, d.DepartmentName

FROM Worker w, Department d

ORDER BY w.DepartmentID

**\* Needs checking**

D9 - select attributes from worker

SELECT \*

FROM Worker w

WHERE w.WorkerID = “SOME ID”

**\*could do with name instead**

D10 - select all workers in a given movie

SELECT w.\*

FROM Worker w, Movie m, WorkersOn o,

WHERE w.WorkerID = o.WorkerID AND o.ProductionID = m.ProductionID AND m.ProductionTitle = “SOME TITLE”

D11 - select all payments within a given time

SELECT \*

FROM Payment

WHERE P.ChequeDate > “2013-01-01” AND P.ChequeDate < “2014-01-01”

D12 -

Crew member sees Production title from Movie, Department name from Department, all columns from worker table, sees all columns in callsheet, payment and timetable of that crew member

Production manager sees all columns for the workers who are part of the same production and department

Producer sees all columns for the workers who are part of the same production

D13 –

Create tables and db objects in SQL – Daniel

Create data for tables – James

Code the queries and test – Osman, James

Graphical user interface – Minxing, Daniel

Testing and error handling – Osman

Documentation – equal split