**Relaciska Shema**  
  
**Primary -** oznacuva primaren kluc  
atribute – oznacuva zadolzitelen atribut  
  
Prisoner(**prisoner\_id**,date\_of\_birth,sentence\_start\_date, first\_name,last\_name,gender,crime\_details,age, cell\_id\*)

\*cell\_id referencira od cells(cell\_id)

Cells(**cell\_id**, cell\_type, security\_level, capacity, cell\_number)

Prison\_staff(**staff\_id\***, cell\_id\*\*, shift)

\*staff\_id referencira od staff(staff\_id)

\*\*cell\_id referencira od cells(cell\_id)

Prison\_incidents(**incident\_id**, incident\_date, incident\_details, prisoner\_id\*\*)

\*\*prisoner\_id referencira od Prisoners(prisoner\_id)  
Medical\_record(**prisoner\_id\***, medications, health\_condition, alergies)

\*prisoner\_id referencira od Prisoners(prisoner\_id)  
Visits(**visit\_id,** visit\_time, visit\_date, check\_in\_time, check\_out\_time, prisoner\_id\*, visitor\_id\*\*)

\*prisoner\_id referencira od Prisoners(prisoner\_id)

\*\*visitor\_id referencira od Approved\_visitor(visitor\_id)  
Approved\_visitor(**visitor\_id,** contact\_number, relationship\_to\_prisoner, first\_name, last\_name)

Prison\_director(**staff\_id\***)  
\*staff\_id referencira od Staff(staff\_id)  
Kitchen\_staff(**staff\_id\***)  
\*staff\_id referencira od Staff(staff\_id)  
Staff(**staff\_id**, first\_name, last\_name, position)  
Activities(**activities\_name**, activity\_type, activity\_location, working\_hours)  
Inmate\_activities(**activity\_name\***, start\_time, end\_time, working\_days, **prisoner\_id\*\***)  
Punishment(**punishment\_id**, start\_date, end\_date, punishment\_type, **prisoner\_id\*, incident\_id\*\***)  
\*prisoner\_id referencira od Prisoner(prisoner\_id)  
\*\*incident\_id referencira od Prison\_incidents(incident\_id)

Involved\_in(prisoner\_id\*, incident\_id\*\*)

\*prisoner\_id referencira od Prisoner(prisoner\_id)

\*\*incident\_id referencira od Prison\_incidents(incident\_id)

Witnessed(incident\_id\*, staff\_id\*\*)

\*incident\_id referencira od Prison\_incidents(incident\_id)

\*staff\_id referencira od Staff(staff\_id)

Is\_given(punishment\_id\*, prisoner\_id\*\*)

\*\*prisoner\_id referencira od Prisoner(prisoner\_id)

\*punishment\_id referencira od Punishment(punishment\_id)  
Has\_taken\_part(visit\_id\*, visitor\_id\*\*)

\*\*visitor\_id referencira od Approved\_visitor(visitor\_id)

\*visit\_id referencira od Visits(visit\_id)