

Assignment 3

EmpNo \rightarrow EmpName, EmpEmail,
EmpGrade, HrlyRate

EmpEmail \rightarrow EmpNo, EmpName,
EmpGrade, HrlyRate

ProjNo \rightarrow ProjName

EmpGrade \rightarrow HrlyRate

* Primary Key must be composite
since not all the attributes
have been accounted for yet!

{EmpNo, ProjNo} \rightarrow

EmpName, EmpEmail,
EmpGrade, HrlyRate,
ProjName, HrsWorked

★
PK

$\{ \text{EmpEmail}, \text{ProjNo} \} \rightarrow$



$\text{EmpName}, \text{EmpNo},$
 $\text{EmpGrade}, \text{HrlyRate},$
 $\text{ProjName}, \text{HrsWorked}$

$\{ \text{EmpNo}, \text{EmpGrade} \} \rightarrow$

$\text{EmpName}, \text{EmpEmail},$
 HrlyRate

$\{ \text{ProjNo}, \text{EmpGrade} \} \rightarrow$ $\text{ProjectName},$
 HrlyRate

Fully Functional Dependency:

$\{ \text{EmpNo}, \text{ProjNo} \} \rightarrow \text{HrsWorked}$