





















- Analyze the needs
 - Queries that will be made on database
 - Data entities (potential tables)
 - Relationships between entities
 - Constraints on data
- Fill out the design
 - What columns needed for each entity?
- Adjust design based on checklist above
 - May need to remove some columns into separate tables
 - Many-to-many relationships become their own tables
 - Employees table
 - Projects table
 - Employee assignments table

11





- What are the entities?
- What are the relationships?
- What type of relationships?
- What other constraints exist?
- What tables are needed to represent entities?
- What are the keys of each table?
- What are the additional fields?
- What fields/tables are needed to represent relationships?
- Did we miss something???

13





