

2159001 - Võ Quang Dũng

Note:

- 1, 7 records and 5 p fields per records
- 2, It's hard to find a produce by city because it doesn't have any city field which is what we need to solve this problem.
- 3, I would to break the Project Manager into 2 fields, Last Name and First Name. And Manager address split into area code, city, state fields.
- 4, The Holly B. Parker showed up 3 times, which cause the redundancy, so if Holly B. Parker messed up once, the file could be corrupted.
- 5, The data redundancy problems is appear in most of the file structure. The most ~~remind~~ reminder one is the Job JOB_CODE changes the JOB_CHG_HOUR. So if any data in the JOB_CODE changed could cause a massive problem.
- 6, I think we should change the EMP_NAME into EMP_Last Name and EMP_First Name.

Note:

This changed would make the data seem to make easier to use. The EMP-Phone field look fine, but we can add an extra field named EMP-Zip code.

7, The data sources in this file seem like to the name and phone numbers of the employee. The file also contains the job code and the hours they did their jobs, also the project hours too.

8, The new data files should be named in the Jobs, Employee, Project and Work Charge. By using this way, data about the job would have linking data to job change and job code. The Employee file should have the employee data like name, address, phone number. The Project file contains the project number and project name. And finally, the Work Charge should have data about the hours of the job which job code are these.

Note:

9, In this file, we can clearly see the data redundancy problem exists in the Teacher L Name and Teacher F Name. Horace Wilkinston appear 2 times in the file structure. If we change the name once, all the ~~related~~ name fields must be changed. And not only Horace, the ~~other~~ other name seems to be appear more than once. EX:
Coco Condoza, Wilkinston Patroski

10, If building code NOM is deleted, all data about Maria Condoza, Wilkinston Horace and Anne Hawkins would be gone. These would ~~be~~ cause critical problems in the data. These teacher's day, time, names, room codes and building codes