

project individual report

by Lingling Liu

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Managing a Project Individual Report

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Background

HMW is a chain physical CD store which now wants to go into the E-commerce. Furthermore, HMW asks for help from an IT team to build a new system preparing for the new markets. Then the IT team plans to take over the work and help the HMW go into the new market-E-commerce. Project Plan is essential for a project. Therefore, it should be finished first. Then something else can be done after the project plan is completed.

Project Plan

The project plan can be done with the software named project. This project is professionally designed for managing the project and can help people manage the time for the whole project. In this project of HMW, the software can also be used. Figure 1 shows the version 1 of the project plan.

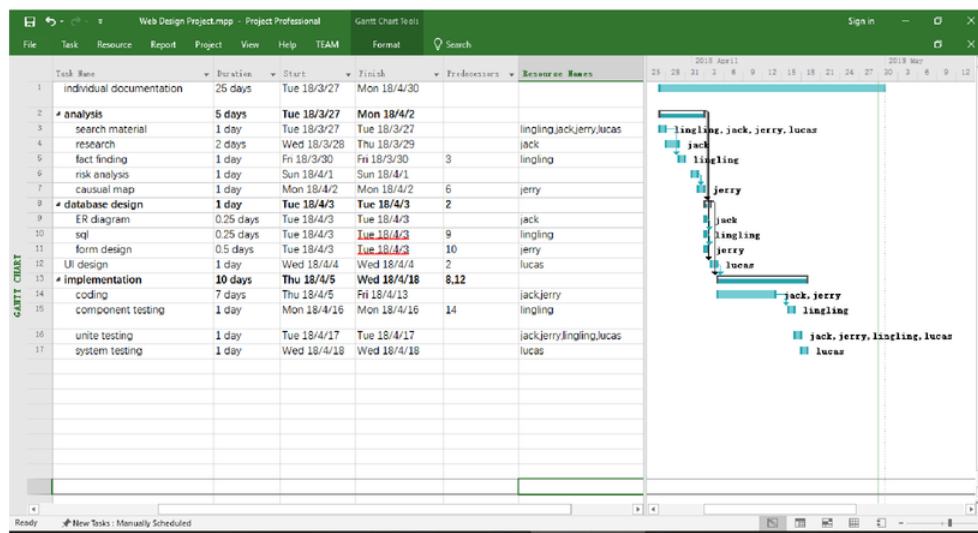


Figure 1 Version 1 of the project plan

It is clearly showed that the individual documentation starts from the first day of the project to the end of the project. Furthermore, preparing work for a project is very essential and the work includes these things: search material which is related to the whole project; do some necessary research, try to find several facts, analyse the risks and then draw a causal map for the whole project. The whole work about analysis can be completed in 5 days.

Then the work of design the software which helps to develop the market of HMW can be started after the completion of the preparing work. In the work of designing, different people can do different tasks in the same time. As a team of finishing a web, the tasks can be divided into several parts: design the ER diagram, consider the SQL, and design the form and UI.

The implementation of programming can be done when all the work of designing a database are finished. Firstly, try to complete all the functions of the web including several things: add, delete, change, and search. Second, try to test the component of the functions, and then the unit and system should be tested after the completion of testing the components.

Each task has an individual time, the time are documented clearly in the software file. Furthermore, the resources of tasks are also documented in the file which can be found easily.

Figure 2 shows the version 2 of the project

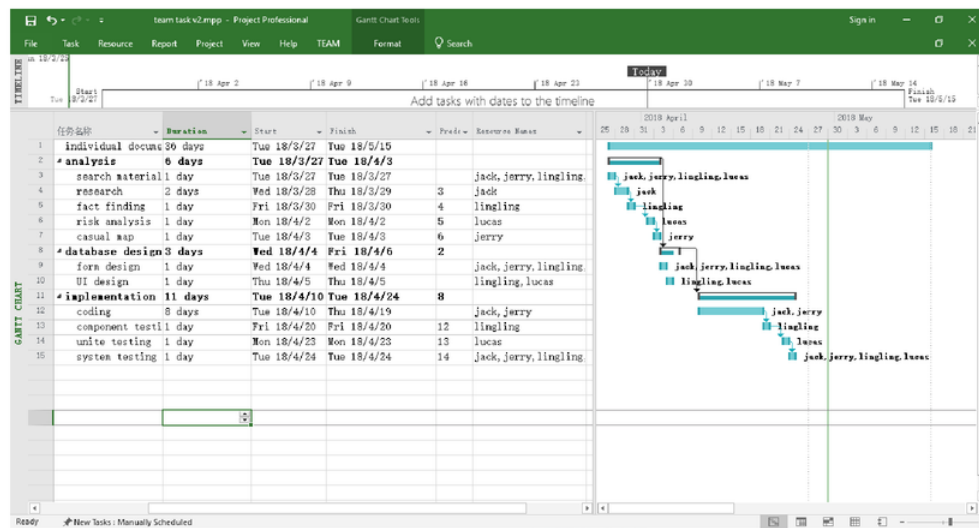


Figure 2 version 2 of the project

The version 2 has a similar structure as version 1. However, differences can be found when comparing them. In version 2, the tasks of database design are less than that of version 1. Version 2 is the real one, forms and UI design can be finished in a short time and for a small project but not ER diagram and SQL. In addition, the time of implementation is different, the real time is more than the predicted one which means that tolerance time should be considered before starting the project.

Causal Map

A reasonable causal map can be drawn for the project. Figure 4 shows the causal map of the HMW project.

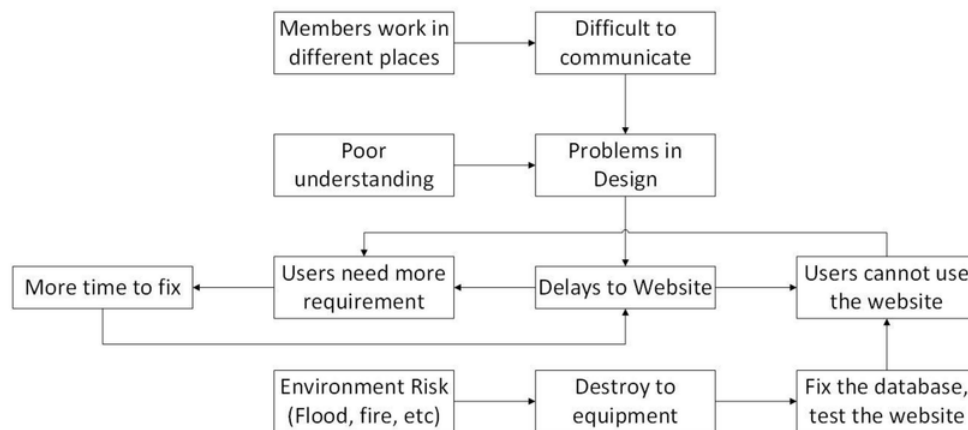


Figure 4 the causal map of the project

There is no doubt that the project should be completed by many people. Maybe these people are from different cities or countries. As this reason that these people cannot communicate with each other face to face. For the functions themselves can be misunderstood by people, maybe because the company cannot deliver their mind correctly to the programmers or the programmers cannot supply a good method because of their pool knowledge or something else.

As a result that the poor understanding and difficulty of communication can cause the problems in web design. Then these problems will lead to delay when the web is used by users. In addition the more time needed to fix the problems, more requirements from the users and problems of the website can also lead to the delay of the web.

Some environment risks can also be considered before doing the project, such as the flood and fire. These things can cause damages to the physical equipment. In addition, software problems like database problems can also cause the problems of using the web.

Therefore, many risks should be considered in the project and related methods can be posed to void the problems. The online chat tools can be used to solve

the problems of working in different places in the same project. The more experienced are needed in the project, and complete documentation are needed for build and maintain the website. All the physical equipment are assigned in a relatively higher floor, and the room which is used for keeping the equipment can be designed without window because the rain water can go into the room from the window. Then possible methods can be posed to prevent the potential problems.

Sustainability issues

The problems of sustainability should be considered carefully. Firstly, the environment sustainability, try to make the whole project a green project in the short and long term. HMW will sell CDs on line, as a result a lot of parcels will be generated by the company, there is no doubt that more material are needed for package because of the long distance. Most packages cannot be reused again, so this is not friendly to the environment.

Also the old CDs themselves are not friendly to the environment, the material of CD contains plastic, if they are throw away at random, they can become the waste and are not friendly to the environment. So this problem can be considered into deliver the project. Maybe the HMW which supply the CDs can recycle these old CDs as well, and make sure the old CDs are deal with correctly.

The sustainability of the website. As we know, the technology is changing all the time, so the website should be updated as time going by. In addition, professional people should be required particularly for the project. These people are employed for a long time to maintain the website. The website cannot work well in a long time without maintaining.

Ethical issues for the HMW project

Respecting others is very important for a company. As an online website selling CDs, there will be a lot of users using the website, and some individual information are saved by the website, so the company can get access to many information of the users, such as the phone number, home address, email address and something else[1]. These things can be very private for users, so the company cannot give these staff to other people. HMW should try to protect the users and respect the users.

In addition, the users should be treated fairly. The same regulations should be used in different people no matter the gender, the age, the nationality, the colour or some other human features. The important thing is no discrimination.

Refraining from retaliation is also important for HMW. Some people may not like the real CD when they receive the parcel, then they may like to return the CD to the supplier. It is the right of customer to return something, then the company should accept the return and should not do something to retaliate the customers[2].

The right of possessing the code is also should be considered, the codes of the website are possessed by the company. It should be clear that the individuals cannot use the codes by themselves without the permission of the HMW. Even the individuals quit from HMW, they cannot borrow the codes from HMW to other places.

Legal issues

The company should clearly know the data flow. It should registry to the organization and explain how the data flows into and out of the business. The reasons must be clear and real.

For personal data the company hold, they should be carefully dealt with. Legal method must be used to get access to and share the data. Managing the staff on how to manage information the company hold is important. The leader should guide the staff well and explain the importance of the work[3].

The company should have clear policy of protecting the data. Set out correct methods of protecting the data according to related responsibilities and legal policies. In addition, these methods should be modified and updated to date.

If any company in China or other countries wants to do business with the companies in Europe, the both of them should know the local legal issues. Only in this way, they can work well with each other.

References

- [1] M. Abdul Majid and N. A. Abdullah, "An ethical code of conduct for the non-proliferation of biological agents among Malaysian businesses," in *2015 International Symposium on Technology Management and Emerging Technologies (ISTMET)*, 2015, pp. 285–290.
- [2] Z. Hua, H. Hou, and Y. Bian, "Optimal Shipping Strategy and Return Service Charge Under No-Reason Return Policy in Online Retailing," *IEEE Trans. Syst. Man, Cybern. Syst.*, vol. 47, no. 12, pp. 3189–3206, Dec. 2017.
- [3] A. Altorbaq, F. Blix, and S. Sorman, "Data subject rights in the cloud: A grounded study on data protection assurance in the light of GDPR," in *2017 12th International Conference for Internet Technology and Secured Transactions (ICITST)*, 2017, pp. 305–310.

project individual report

GRADEMARK REPORT

FINAL GRADE

50/100

GENERAL COMMENTS

Instructor

Intro & Plan

Brief introduction with Gantt chart and PERT chart. More detail of the problems in monitoring the plan which you mention would be an improvement also references for techniques and technology used. How were roles assigned?

Risk Management

Causal map presented with some explanation. What about the monitoring of risks through the project?

Sustainability

Some discussion of sustainability - it looks like you are using Lami's concepts so this needs referencing How about direct downloads so no CDs are needed (second order impact).

Ethical and legal issues

Some basic discussion of ethical concerns. Using the BCS Code of Conduct with specific recommendations for the project would be an improvement. Brief discussion of legal issues - good to mention the GDPR when discussing privacy - it's in your reference!

Overall some good work but needs more references and research and to include more relevant discussion in places.

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