

Student Name : Zahid Hussain

Student ID :2018065

Course Title: Managing Project in the workplace

Assignment Title: Project Management Plan

Course Code: BMSW5104

Lecturer Name: Sujeewa Herath

TABLE OF CONTENT.

1 Introduction .

2 Project description.

3 Stakeholder analysis.

4 client. Contractors, designers, subcontractor employees, suppliers. Government, Local Government, council, residents, professional bodies. Local shopkeepers and users.

5 Project scope House extension project

6 The Quad Chart of house extension

7 Stakeholder GRID impact and influence

8 Stakeholder Management.

9 PESTLE ANALYSIS

10 Work Breakdown Structure

11 Consideration of resources.

12 Risk management in house extension project

Introduction .

This report give a introduction of my project plan and discuss here all the stages of my project extension like Project description. Stakeholder analysis, stakeholder role of stakeholders. And give all the my budget plan. And the project Scope projec different stages. From stage one till stage 4..

Project description.

This report gives introduction of my project plan. And my project plan is extension of my house. Making an extra 2 bedrooms on second floor and in the loft 2 storage room and extension of kitchen and making extra 1 toilet and bathroom to make an ideal house for living and to make comfortable and standard life. The purpose of this extension is to make additional space for my growing family because of future needs. Second things are the cost of everything is going rises day by day so I am thinking to make my home as my Dream home now in the future the cost of this extension may be different from this time so that's why I'm looking for my extension. The third reason is extension of the house gives my property more value as well and making comfortable standard house for living. In the market houses prices are very high and to get a five-bedroom house is very expensive so I was planning to make this home from 3 bedrooms to 5 bedrooms, its cost is less and we can stay in our beloved home. This

extension gives me the opportunity as well to rent out some rooms to get some extra money from these rooms, to manage my expenses.

Stakeholder analysis.

A stakeholder is anyone who has interest in the project Or outcome of the project. Stakeholder analysis is very important and it's a technique of systematically gathering any quantitative analyzing quantitative and qualitative information to determine whose interest should be considered throughout the project, and influence of the stakeholder's expectation and influence of the stakeholder for the purpose of the project. These stakeholder analysis helps stakeholder relationships within the project and with other stakeholders that can be built a good relationship and potential partnership to enhance to make project successful along with stakeholder. The stakeholder influenced differently on the different stages of the project or phase for my project extension of house Stakeholders are myself like as a client and my interest is high main contractor, designer or architecture, Subcontractor, worker, employee, Suppliers, Gov. authorities, Local authorities, Local resident, professional bodies, local shopkeepers, labor unions.

In my house extension project stakeholders' roles.

Myself as client have the highest level of. Interest and influence on the project. As the directly on the project and therefore the finance it. England will be positively impacted by the project if it is a success. There is a potential negative impact if the cost schedule does not meet the required level and causing the project to fail.

The main contractor.

The man contacted is responsible for planning and implementing the project in all the activities involved in the completion of the extension of house project and responsible for the success of the project as well and if any failures. This stakeholder has like you to work as a favorable impact on the project outcome and the project cannot go ahead without his work and that this has a direct link and important role this stakeholder has extremely high level of interest in the project and a relatively high level of influence over.

Designer.

The designer is doing work to meet the requirements of the client and has less influence on the project. But the interest is higher in the project, as its success is a direct and positive reflection on their business if failure gives a negative impact. The designers are known positive stakeholders, as they have likely to be. If table impact on the project success. We thought that is under the project. Would not be able to happen.

Subcontractors.

Subcontractors are those working under the main conductor, they are hired by the main conductor to work on the project. This stakeholder has very low influence over the project as they are simply undertaking work and. The main conductor will simply find as an alternative service provider. These stakeholders are directly involved in the project, and it would be a positive reflection of their work. Resulting in high level of stakeholder interest. And these are known positive stakeholders. Because of their favorable. Impact on the project outcome.

Worker.

In construction project workers are known as construction labor as well. These are the stakeholders they have a high interest in the project as well. They have positive roles as a part of the team, and they enjoy their work, and they do the reliable work, and they are physically fit to work as a construction work low power.

Suppliers.

The supplier of construction materials on construction project is positive stakeholder has a favorable impact on the project and their likely gained profit from contraction material business and these are direct stakeholder. The suppliers have a high level of interest and if the project is successful then they keen to continue business with the contractors. And they have a lower level of influence. If there are alternatives, buyer who can be exceeded if the original supplier does not meet the demands of the project.

Government authorities and local council.

The government authorities and the local council regulator are both extremely interested in the construction project, the government authorities are external stakeholders and are responsible for the

approval of any planning permission and permits for construction. They are positive stakeholders and as their ability to grant permission means they have a favorable impact on the project.

Local residents.

Whenever the construction project is taking place, there will be a residence. Local to the area who are indirectly impacted by it. Local residents will likely have a high level of interest in the project, however are unlikely to have much influence over his decisions. And they have. Some kind of. Powerful in influence. Because if somebody, neighbors are not. Umm, happy of the construction of project and if any problem. Uh, they can. Stop construction work. They make a plan to council and the government authorities and. Then the construction project is not possible to finish.

Professional bodies. Some professional bodies throughout the construction project. Such as the Charters building service engineering in the UK. They are stakeholders and they do work on each individual project forever as a connected as they provide guidance on different types of construction projects should be undertaken. And they have low interest in projects and high inflation on the project as they outline how the project must be managed and they give guidelines.

The local business.

The owners of local businesses are likely to be indirectly impacted by the project activities. There's a potential for both positive and negative impact to be faced over the most common circumstance. In different projects, the big project increase revenue and the custom as a result of the increase of living people on the local area, they go to local shops and their business go to success. And these are extremely interested in the status of construction projects for example, like student apartments in the city center, the local shops and business.

End users.

These are the stakeholders. End users of construction project including the purchase, the building and they who occupy the building and whatever their purpose is and users are likely large influence on aspect of the project including the planning and design. Without the customer demand, the project is unlikely to be approved plans for the construction project, all therefore influenced by the customer and personal needs. They are direct and positive stakeholder and.

Project scope House extension project

1. Planning .

satge 1

1 .Project planing

2 planing and permission fron council and local buliding societies

3 designer

4 approved contactors who do all the job till finished

5 supplier

6 get buliding insurance

2. EXUCUSION

Stage 2

1 Ground works ,drainage , make all work safe .for safety check work done weekly bases .

2 Buliding structure /roof /outside finishes.

make sure all building works done on the bases of project structure planing permission .

3 Do survey and measure all windows door works is going fit as on project.

4

3 COMPLETION.

Stage 3

- 1 Internal renovation and remodelling .
 - 2 painting and decorating works as required
 - 3 check electric and heating
- for monitering purpose to visit work done on weekly bases

4 Finishing .

4 Stage

- 1 Install electric and plumbing facilities are done .
 - 2 Fitting of carpentry floor and kitchen applanec.
 - 3 Decoration all home well.
 - 4 FINAL check cleaning and hand over .
 - 5 For security and monitoring purpose
- Get every thing done paper work for relax.
- electric ,plambling ,gas pipes ,boiler and home appliance certificate must get for safety purpose.Enjoy home extension

SCOPE OF PROJECT

Two reception rooms	5 bedrooms 1 master bedroom 3 medium bedrooms rooms 1 small bedroom	Long kitchen With dining table and all home items washing Machin dryer Fridge Wardrop	Two bathrooms 1 upstairs with toilet 1 downstairs with toilet	Loft 2 small rooms for storage purpose

The Quad Chart of house extension

Purpose	Stakeholder
Extra 2 rooms to get more space to live comfortably To make new style kitchen Making new bathrooms. Save a cost of buying new Get 5 bedrooms house with a low budget.	Client myself contractors Designer Sub-contractors Employee Suppliers Gov Local gov council Residents Professional bodies local shopkeepers End users
Desired End Result	Measures of success
1 To get extended fully furnished house need a good contractor good design. 2 Good time management and cost management team plan. 3 need a proper finance budget to make the project successful. we can get Ideal house	1 We need to keep in touch with the main contractor and to check the work is going well. And they are doing the proper work with all the health and safety guidelines and with the building and society standards and they are doing work the required need of our standard bases.

Stakeholder GRID impact and influence

Stakeholder	Internal or external	Power and Interest	How to engagement	Level of engagement.
Client myself	Internal	High	Face to face	Supportive
Contractors		Low	Email. phone	Supportive
Sub-contractors				
Designer	External	Low	Phone, email	Supportive
Employees	Internal	High	Phone, email, face to face	Supportive
Suppliers	External	Low		
Gov	External	High	Writing email, phone	Un supportive
Local gov council	External	High		
Local resident	External	Low	Face to face	Un supportive
Professional bodies		High	Phone ,email	
Local shopkeeper	External	Low	No need to contact	Supportive
End user	External	Low	Phone	Supportive

--	--	--	--	--

Stakeholder Management.

Stakeholder Management is the success of any Project within an organization depends on the support given by different stakeholders. The. Implementation of the diversity management strategy within the organization is especially important to identify stakeholders. An appropriate way to manage and organize them. The managements of stakeholder and the analysis of the stakeholder give the project power and give the stakeholder interest, and that built the relationship between each other's, and this depend on the different interests and diversity. Management keep and touch all the stakeholders they can manage and they can get update from all stakeholders and then they can arrange another option easily. And each stakeholder associates with the nature of activity of every single project and depends on the environment of the company. If we keep in touch with the house extension project Contractor, and the workers, suppliers and all the other people who are involved the. They have good ideas to check the project is going the right way. If any problem that can be identified and managed easily.

PESTLE ANALYSIS.

In the competitive market all companies must make the right decision. That will depend on their competitors, so Pestel analysis is give idea to check external environment factor that affect decision making. For these external factors PESTLE that can affect on this project.

Politically, the government changes that can affect the project. Because nowadays political changes government changes Effect on the day by day rules and regulations. Brexit some restrictions like the shortage of workers nowadays.

Economic. The inflation rate is high and everything's prices go up. That can affect on the project supply shortage ad the prices go up. That can make the budget low as well.

Social. The community or the people? Who are running? This project that can affect on this. Project. Like. Age. Group cultural effect. Style of People's.

Technological. Technology is improving day by day that will affect this project sometimes get some new items they are different as compared to old things so these technological factors can effect on the material electric item on project.

Legal

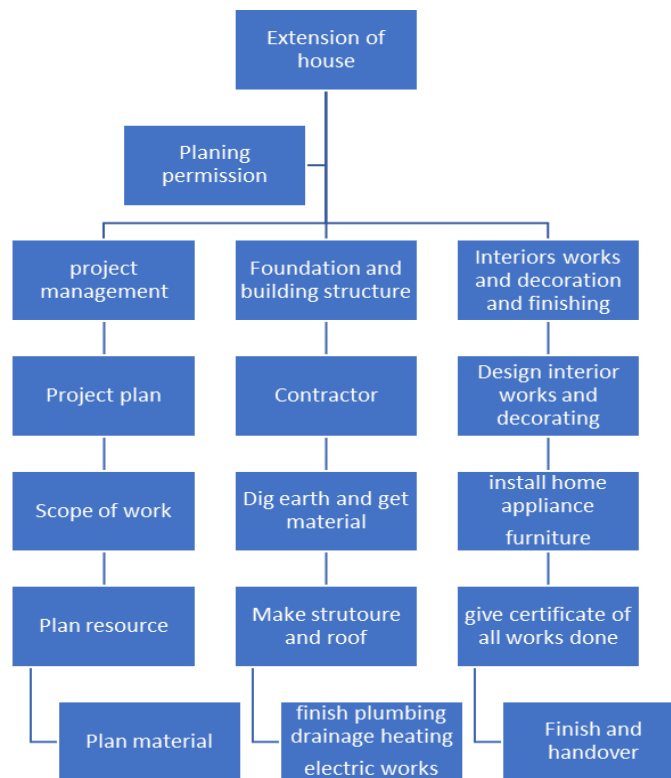
The legal rules and regulation change day by day like planning and permission building society and the Council and local gov affect this project.

Environmental.

Environmental changes like noiseless health and safety Enviromint and residents sometimes have the effect on projects because works disturbance.

Work Breakdown Structure.

A work breakdown structure. In project management, it is a tool that takes step by step approach to complete the project. Work breakdown structure gives all the project work in smaller components. And that gives all the stages. Work breakdown structure gives all the project scope cost, budget building works all stages and finishing, and all the project plans go to in smaller components and Easy to understand and that once page concept and it is easy to manage the project in the smaller components.



Consideration of resources.

For making an extension of house first need to think about budget plan time plan need to set time frame to build an extension house my budget plan is £70,000 for this my horse extension project. For this House extension. Money Material and labor resource and myself as well. I give time to keep eyes on my this project to make my this project to successful and these all resources and skills utilities to make this project will be a unique and successful. I need to think about all from planning permission till finished. And how much an extension cost, need to get some more advice from Building and society, some expert. Before building extension. So, make sure. aware of all constructions project from material to trade delay. Changes in planning and the pricing as well. The supply of building material. Such as roof material tiles Cement and timber storage and impacting the construction industry. Related all the material storage and need to. You. Security of building material and need to know about the increase in the demand for materials and the prices are going high and inflation rates so. For this budget and I need to already prepare because this can be different from this budget, so. I need to keep in mind some. Which one affects this extension project? So, I'll give this contract to my approved contractor to make my house. From start till finish. And I give time frame. Like six months. But start date way under a year

doing well. Maybe lucky to done within the time frame. And in this my project is minimum five to six months. So, I give them the time frame, six months.

Risk management in house extension project.

In all kinds of business risk management. has a very important role. This effect on the investor and the companies can lose money due to the risk. For my extension project I need to manage my risk management to make my project successful extension of my house. The big risk is the suppliers and because nowadays prices go up and the supply of material is short, I need to tolerate the risk and need some alternative material supplier to avoid failure of the project. And uh, another risk on my project is the funding and because everything's prices are going up. Everything's go expensive day by day, so my budget plan is £ 70,000 pounds, so maybe this one fulfills all the needs of project maybe this budget, less so I need to prepare to make this project successful need to be alternative way to support by this extension of House project. Get some financial advice and make back off if any case of this my estimated budget go up so I can arrange extra loan or borrow money from different people, family members to make my this extension project successful.

Reference.

- 1 Wagner, N., Hassanein, K. and Head, M., 2008. Who is responsible for e-learning success in higher education? A stakeholders' analysis. *Journal of Educational Technology & Society*, 11(3), pp.26-36.
- 2 Ferretti, V., 2016. From stakeholders analysis to cognitive mapping and Multi-Attribute Value Theory: An integrated approach for policy support. *European Journal of Operational Research*, 253(2), pp.524-541.
- 3 Jahn, C., Weigell, J., Borremans, A. and Lepekhin, A., 2019, September. Smart Grid—the concept, trends and stakeholders' analysis. In *International Conference on Digital Technologies in Logistics and Infrastructure (ICDTLI 2019)* (pp. 497-501). Atlantis Press.
- 4 Cao, Y., Dallimer, M., Stringer, L.C., Bai, Z. and Siu, Y.L., 2018. Land expropriation compensation among multiple stakeholders in a mining area: Explaining “skeleton house” compensation. *Land Use Policy*, 74, pp.97-110.
- 5 Jeremia, S., Kuantama, E. and Pangaribuan, J., 2012, September. Design and construction of remote-controlled quad-copter based on STC12C5624AD. In *2012 International Conference on System Engineering and Technology (ICSET)* (pp. 1-6). IEEE.
- 6 Burkett, S., Dye, T. and Johnson, P., 2015. Tracking student participants from a REU site with NAE grand challenges as the common theme. *American Journal of Engineering Education (AJEE)*, 6(2), pp.125-134.

- 7 Zhang, Z., Pan, W. and Pan, M., 2021. Critical considerations on tower crane layout planning for high-rise modular integrated construction. *Engineering, Construction and Architectural Management*.
- 8 Devi, T.R. and Reddy, V.S., 2012. Work breakdown structure of the project. *Int J Eng Res Appl*, 2(2), pp.683-686.
- 9 Jung, Y. and Woo, S., 2004. Flexible work breakdown structure for integrated cost and schedule control. *Journal of construction engineering and management*, 130(5), pp.616-625.
- 10 Lyons, T. and Skitmore, M., 2004. Project risk management in the Queensland engineering construction industry: a survey. *International journal of project management*, 22(1), pp.51-61.
- 11 Ahmad, T.L. and Susanty, A., 2019, August. House of Risk Approach for Assessing Supply Chain Risk Management of Material Procurement in Construction Industry. In *IOP Conference Series: Materials Science and Engineering* (Vol. 598, No. 1, p. 012060). IOP Publishing.
- 12 Hossain, M.U. and Ng, S.T., 2018. Critical consideration of buildings' environmental impact assessment towards adoption of circular economy: An analytical review. *Journal of Cleaner Production*, 205, pp.763-780.
- 13 Rastogi, N.I.T.A.N.K. and Trivedi, M.K., 2016. PESTLE technique—a tool to identify external risks in construction projects. *International Research Journal of Engineering and Technology (IRJET)*, 3(1), pp.384-388.
- 14 Ansah, R.H. and Sorooshian, S., 2017. Effect of lean tools to control external environment risks of construction projects. *Sustainable cities and society*, 32, pp.348-356.

