

Motorcycle Comprehensive Project Plan

Student's Name
Institution



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Project Scope and Project Management Plan

Defining the scope of the project is paramount in evaluating whether or not the project will be feasible. In complete project definition lead to numerous challenges regarding the project especially in the preliminary phases of the project. The department project entails development and production of mass touring motorbikes. The section that will be responsible for project implementation will be a semi-autonomous. It will have the potential to affect small-scale procurement and payment as well as production of its reports, separately from the parent company. The work breakdown in the department will entails determination of the engine models and engine requirements, target markets, availability of materials required to manufacture motorcycles and level of technical expertise required to completed the project. Furthermore, it will entail determination of the time framework for completion of different project tasks and cost estimation of the entire motorcycle project. Moreover, the department will institute a quality measurement technique. This will ensure that the quality of manufacturing and development procedure is checked in all phases of development (Heagney, 2012).

The project team in the project will be selected both from the company and outside the realm of the company as well. However, preference will be granted to the existing employees in the parent company. Nonetheless, if the required knowledge is deficient in the existing staffs, such technical expertise will be subcontracted. Consequently, the company will save huge resources spent in outsourcing larger of number of employees outside the company (Heagney,

2012). The organizational hierarchy in the department will employ a flat organizational structure. Therefore, there will be a good relationship between the project managers and the entire project staff team from the top to the bottom of the hierarchy. This will enhance quick decision-making process in both top-down and bottom-up communication.

Risk evaluation of the project will be conducted before the start of the project. This will ensure effective mitigation strategies such as risk avoidance, risk acceptance, and risk reduction are implemented in order to handle the risks (Heagney, 2012). Furthermore, the department plans for eventualities both anticipated and unexpected that could paralyze the project in the course of implementation. In the procurement of the essential materials to be used in the project design, appropriate procurement procedures will incorporate authorization on different departmental level. This includes technician, project supervision, and the head of department. Project exit review and analysis will be executed at different project stages in order to determine whether the project graduates to the next stage. Project progress data will be collected in a systematic manner in order to determine both gains drawbacks of the project. In addition, the project closure strategy will be identified after the project products are tested and proven satisfactory. The closure will entail both archiving of the project materials and financial closure. Appropriate project documentation will be ensured for future reference.

Type of Staff Required in the Company

In the project management, one of the crucial attributes in the management is knowledge. The project staff must be experts in their respective areas for the

motorcycle project to be a success. The staff should possess up-to-date information on the current trends in their respective areas of specialization. This offers the company an upper edge over its major competitor in the market. For instance, the project designer needs to be acquainted with the latest project designing and modeling various software and applications. It is additionally important for preventing development of designs that are outmoded and out of touch with current trend in the market. The project staff should possess wide experience, experience that will enable them to understand procedures to take or avoid in respect to the field of specialization in the project. Therefore, the project team will be able to execute specific tasks quickly and accurately, which will reduce the overall cost of the project. Since the main goal of the motorcycle project is to develop distinctive motorcycles that meet consumer demands, the project staff will be required to be inventive to come up with design and practice that meet the target market needs. The project manager needs to encourage creativity through institution of a platform that enables each project staff to provide her/his ideas on the project. Therefore, the management needs to embrace participative management style.

The project staff will be required to be hand working and proactive. Such attributes are essential in ensuring high standards and operation efficiency in maintained throughout the project. Furthermore, the project staff should to be cooperative to the overall project authority in order to enhance harmony in operations. This entails strict adherence to the instruction from the project head as well as from the immediate project supervisors in order to ensure a smooth flow of project processes. Furthermore, it opens a platform that enables the staff to air their new ideas, opinions, and perspectives that differ from that of the main competitors in the market.

Team Building Strategies

One of the major essential project team building strategies will be a selection of the project team. In the process, the project head should ensure that the project staff selected from the company co-exists with peers they work together within the project. When placed with the colleagues they are incompatible with, the project will fail to run smoothly. Furthermore, the project team will be required to possess professional requirements in order to ensure project success (Richman, 2012). Identification of objective in the project team is very important. The project team needs to understand the definitive objective of the project in order to strive toward achievement of such goals. The managers should engage the staffs in developing strategic project objectives and smart goals an aspect that makes the team own the project. As a result, the project team strives hard to ensure the project realizes success (Richman, 2012). However, when the project objectives result directly from the project manager, the project team perceives to be sidelined lack sense of project ownership. As a result, they lose the passion for the project as compared to if they were consulted when devising the project objectives.

Throughout the project duration, there need to be a clear communication channels that are open to all project team. Any project team member should feel free to approach the project head to air his/her opinions and ideas about the project progress. Communication is a major aspect in project management that determines the success of the project. Both horizontal and vertical communication channels should be encouraged. Effective communication in the project team ensures efficient project progress and achievement of the objectives within a short duration (Richman, 2012). However, lack of proper channels of communication within the team slows the project as it lead to massive wastage of project resources. As a result, it is a project manager's mandate to promote trust within the project team. Trust promotes cohesiveness

among the team leading to enhanced productivity in the ultimate project outcome. The project manager nurtures sense of trust within the team by holding trust-supporting events. Moreover, the manager can motivate the project staff to establish strong relationships outside the workplace confinements.

The Role of Project Manager

Effective project manager must possess a sense of touch with the team members. The manager should have the following attributes. A manager should be open-minded in order to accept different perspectives from the team members before the key decision-making process. This facilitates the team to bond as to institutes a path for quick problem or task solving mechanism (Wysocki, 2012). The manager should possess good communication channels that ensure every project staff accesses the head throughout the project cycle. The head should be open for consultation by the subordinates' project staffs. Moreover, the manager must listen to both the company's supervisors and the company's director. Listening to the key project stakeholders establishes the good relationship that ultimately leads to product success in the market. Moreover, the project head must to be goal-oriented (Grit, 2012). As a result, the project head should strive towards completion of the project within the set duration. He should motivate the entire team to focus and adhere to the project timeline. A development chart that outlines the project progress must be accessible to the project team.

In addition, the project manager must lead the team by example. He should be time conscious and participate in all project operations. He should demonstrate participative leadership style by leading the team to the right direction. High

levels of self-discipline are to be exhibited by the project head throughout the project cycle (Wysocki, 2012). This acts as an ideal example for the team to emulate. As a result, the project achieves its ultimate objectives within a set timeline and resources.

Importance of Identifying Critical Paths on Project

In any project, critical path is very essential since it identifies the shortest sequence of the activities to adopt in order to complete the project within the shortest duration possible. The critical path enables the project team manager to systematically represent different project activities in the diagram. As a result, this enables the project manager to have an in-depth understanding of the project. However, all the operations outlined in the critical path are to be completed with the specified duration (Wysocki, 2012). Using critical paths, the project team head predicts the time required to complete a given project task, hence make it possible to offer the project client accurate timescales for project completion. Furthermore, critical path highlights the significance of each project phase and the entire project. It is from a critical path that the project head can assign tasks to other project staffs in accordance to their areas of specialization.

Elements of Work Breakdown Structure

The WBS structure will consist the following elements:

Motorcycle Design

The project design team will be required to come with different design for the motorcycles. However, the entire project team will be involved in section of the best design.

Cost Assessment

This will involve evaluation of the cost of the project of the selected motorcycle design. Critical factors such as the cost of materials, time and labor availability with be put into consideration (Grit, 2012). The information obtained from the evaluation will be crucial in determining both funding requirement and final project cost.

Production of Prototype

The production unit will use the selected design for the development different prototypes. Such prototypes will be used to determine the suitability of the prototype in accordance to set standards

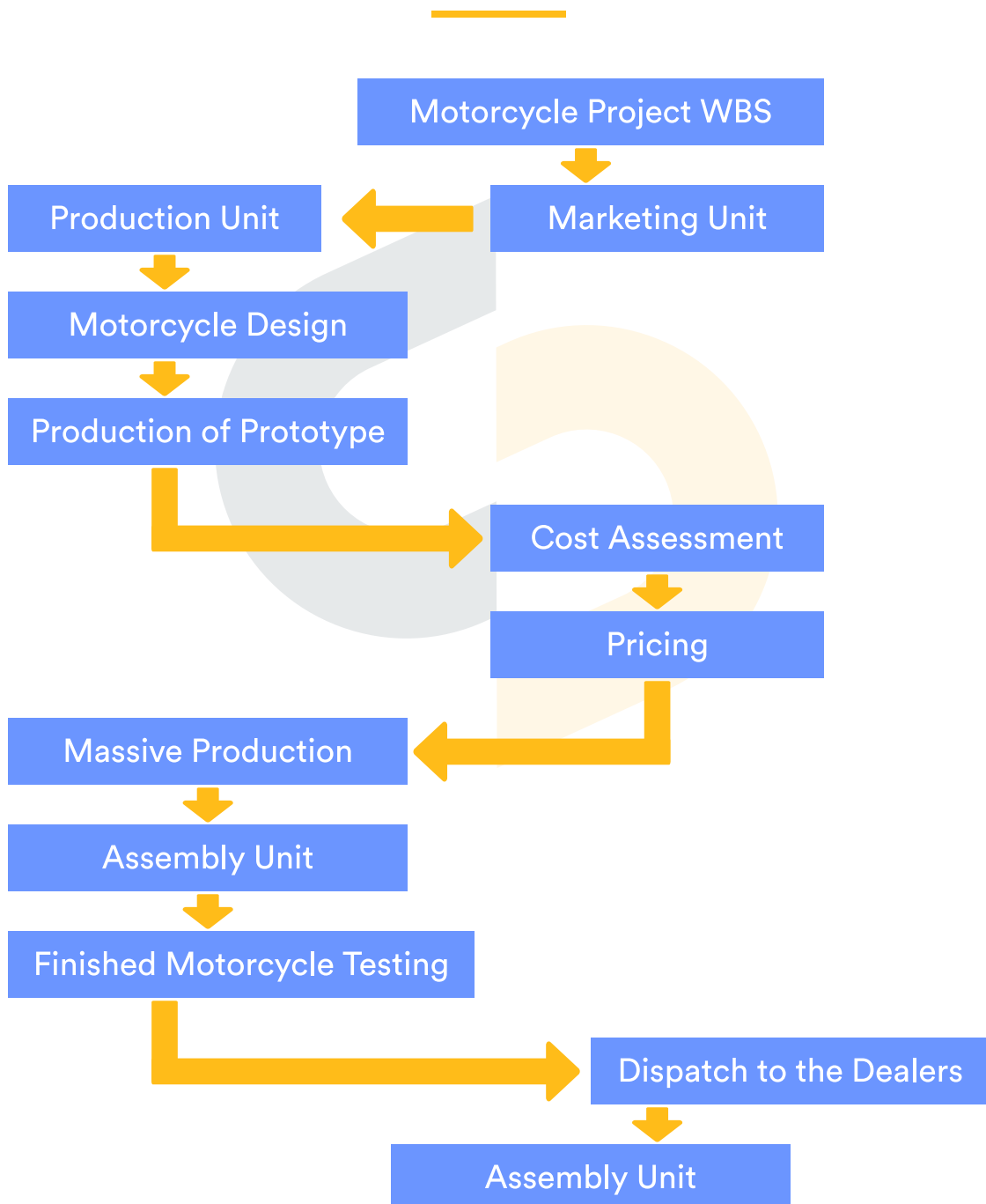
Pricing Strategy

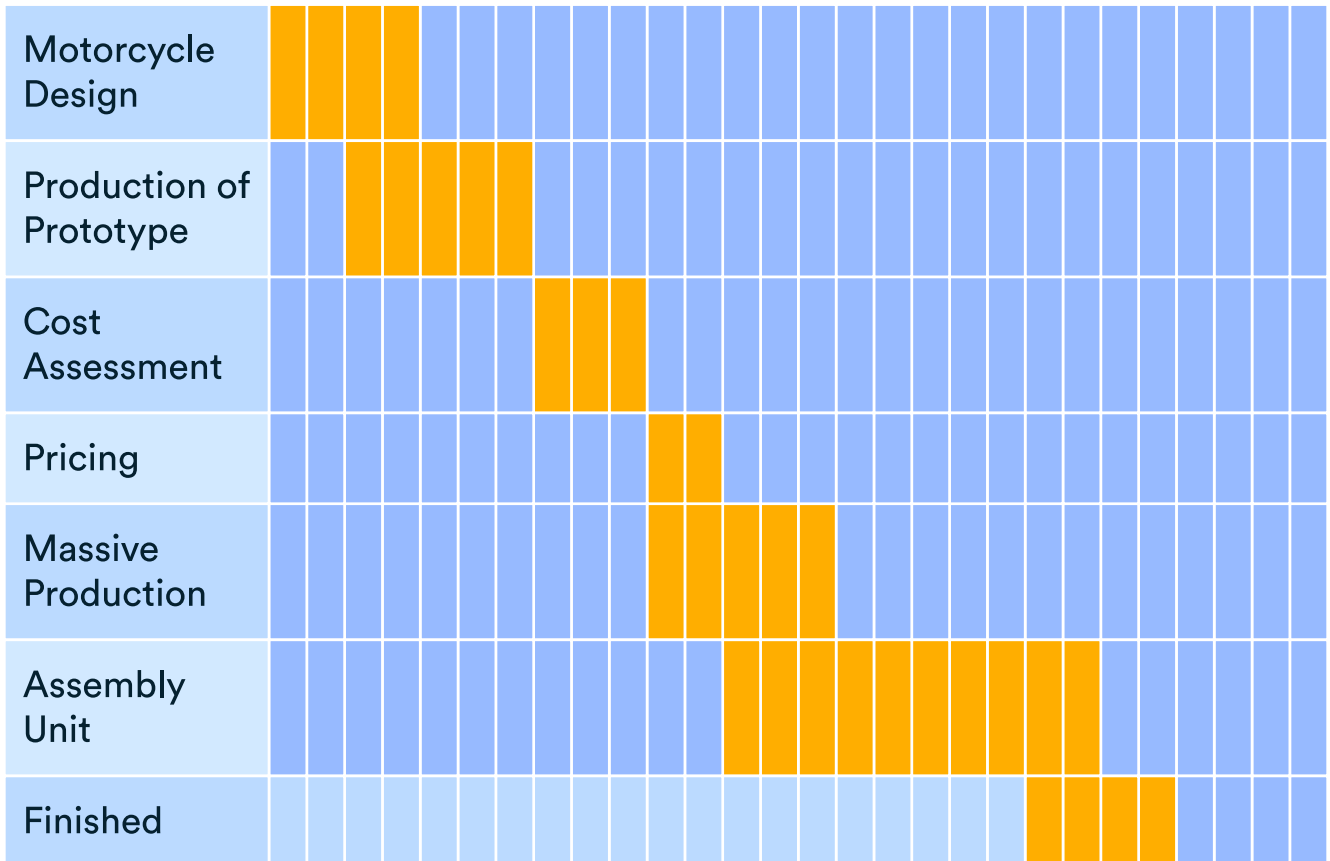
After a suitable prototype in developed, the project management will decide the appropriate price for a new product. The price will be based on the cost of material, labor per unit, and other resources consumed in the production process (Grit, 2012). Furthermore, the team will consider the price of a similar product on the market.

Project Closure

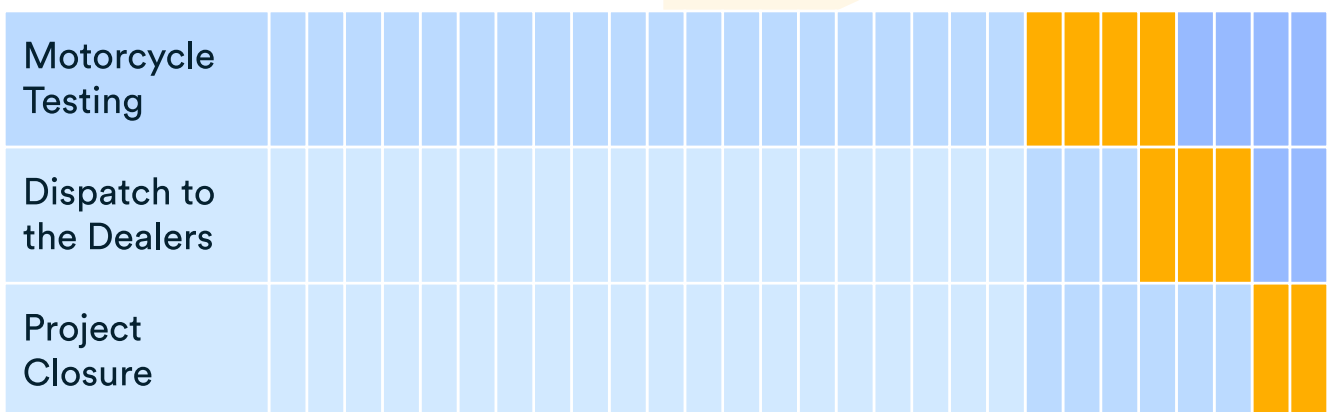
After the completion of the above outlined steps, proper project documentation will be conducted for future references and project will be terminated.

Work Breakdown Structure





Gantt chart



References

Grit, R. (2012). *Project Management*. Routledge.

Heagney, J. (2012). *Fundamentals of project management*. New York: American Management Association.

Richman, L. L. (2012). *Improving your project management skills*. New York: American Management Association.

Wysocki, R. K. (2012). *Effective project management: Traditional, agile, extreme*. Indianapolis, IN: Wiley.

