



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

Thursday
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Course Code

(PMG506)

Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-20 في تمام الساعة ٩ مساءً.
- الإجابة متاحة باللغة الإنجليزية أو اللغة العربية مع مراعاة أن تكون المصطلحات العلمية باللغة الإنجليزية.
- يتم تسليم المشروع في صيغة ملف pdf مع الالتزام نموذج الجامعة ولن تقبل أي مستندات أخرى.
- يجب مراعاة أقسام البحث الرئيسية (مقدمة Introduction، دراسات علمية سابقة Literature Review، طريقة البحث Methodology، النتائج والمناقشة Results and Discussion، وأخيراً المراجع References. وان كان هناك ملحقات Appendices يتم إضافتها)
- يجب الالتزام بـ Theme موحد كما يلي:
- حجم الخط 12.
- نوع الخط Arial.
- لون الخط أسود.
- المسافة بين الأسطر 1.5 line spacing
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: Eng. Amaal Aburumman

Project:

You are required to document your role in administering a project. The project may be set in a business, social, sporting, or family environment but must be of a significant size and scale. If you do not have an actual project to write about you may complete the project hypothetically. **This report will be between three to six pages in length.** This is a significant research project.

Your report must address each of the following issues:

1. Identify and describe the purpose, scope, and objectives of the project. **Display this information using an appropriate tool.**
2. Describe how the team is given an outline of the project.
3. Describe the strategies that are going to be set up to maintain communication with the team members.
4. Describe the tools that are going to be used to monitor the goals, time frames or milestones.
5. Identify project milestones and activities. **Display this information using an appropriate tool.**
6. Create a budget and link the costs to the key milestones for a project.
7. Describe how you are going to divide tasks and resources amongst a project team. **Display this information using an appropriate tool.**
8. Briefly describe how the progress will be monitored.
9. How are current project records maintained? Who has responsibility for this? provide some recommendations on how this process could be improved.
10. Describe the current procedure for finalizing projects. Create your own procedure and identify how you will evaluate the success of the project.
11. Legislation that may affect the project including health and safety, and anti-discrimination legislation.

Best of luck...

المشروع:

مطلوب منك توثيق دورك في إدارة مشروع. قد يتم تعيين المشروع في بيئة تجارية أو اجتماعية أو رياضية أو عائلية ولكن يجب أن يكون بحجم مناسب. إذا لم يكن لديك مشروع فعلي لتكتب عنه ، فيمكنك إكمال المشروع افتراضياً. سيكون هذا التقرير من ثلاث إلى ست صفحات.

يجب أن يعالج تقريرك كل من القضايا التالية:

1. تحديد ووصف الغرض والنطاق والأهداف من المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
2. صف كيف يتم إعطاء الفريق مخططاً تفصيلياً للمشروع.
3. وصف الاستراتيجيات التي سيتم وضعها للحفاظ على التواصل مع أعضاء الفريق.
4. صف الأدوات التي سيتم استخدامها لرصد الأهداف أو الأطر الزمنية أو المعالم.
5. تحديد معالم المشروع والأنشطة. اعرض هذه المعلومات باستخدام أداة مناسبة.
6. إنشاء ميزانية و ربط التكاليف بالمعالم الرئيسية للمشروع.
7. صف كيف ستقوم بتقسيم المهام والموارد بين فريق المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
8. صف بإيجاز كيف سيتم رصد التقدم.
9. كيف يتم الاحتفاظ بسجلات المشروع الحالية؟ من المسؤول عن هذا؟ تقديم بعض التوصيات حول كيفية تحسين هذه العملية.
10. وصف الإجراء الحالي لإنهاء المشاريع. قم بإنشاء الإجراء الخاص بك وحدد كيفية تقييم نجاح المشروع.
11. التشريعات التي قد تؤثر على المشروع بما في ذلك الصحة والسلامة ، وتشريعات مكافحة التمييز.

مع تمنياتي بالتوفيق..

Table of Contents

1. Introduction.....	5
1.1. Literature Review.....	5
1.2. Project Purpose	5
1.3. Project Scope	6
1.4. Project Objective	6
2. Providing Project Outline to the Team	7
3. Communication Management Plan.....	7
4. Tools used for Monitoring the Goals, Time frames and Milestones.....	8
5. Project Milestones and Activities	8
6. Project Budget	9
7. Use of Project Resources	10
8. Monitoring Project Progress.....	10
9. Maintaining Project Records.....	11
10. Legislation.....	11
11. Results and Discussion	11
12. References	12
13. Appendix.....	13
13.1. Linking the cost with Milestones and Activities	13
13.2. Use of Resources.....	15
13.3. Work Breakdown Structure (WBS)	18

1. Introduction

Project planning is an important part in the project management practices. With proper and accurate planning, a project will succeed. I had a chance to work on big project not as a project manager but as one of the team members in the project. The project that is considered in this project management plan document is to enhance and improve the Enterprise resource Planning (ERP) system in my work. The project management plan will consist of communication plan for team members, budget analysis and estimating project schedule and approximate cost.

Project Name

ERP system improvement and support.

1.1. Literature Review

Enterprise resource planning (ERP) refers to a software or application that are used to manage and automate everyday business activity. Maintaining and upgrading the current ERP systems allow you to easily improves business processes and workflow that are based on best practices. The automobile application parts Beta Manufacturing has been considered for this IT project implementation. The company was facing issues in managing inventory of assets that are developed. The distributors order these products on phone and sometimes few orders get missed and are not delivered at right time. Hence, the management has decided to automate all its processes by implementing SAP ERP system in the organization with an integrated mobile application (Junnarkar and Verma, 2017). Therefore, the new ERP systems improved and enhanced the processes in that enterprise.

1.2. Project Purpose

The main purpose of the project is to implement the new ERP systems and support renewal of the existing systems in my company. The idea behind that is to automate all business process in one integrated centralized system so that data can be saved in

organized way. The data can be extracted in just few seconds any time in the required form or reports.

1.3. Project Scope

The scope of the project is to implement the new cloud based ERP Business solution. The new ERP will be purchased from the IT partner and will host the application internally in data centre. It implies that data centre will be supported by IT vendor. The system will be customized according to the company's business processes. The processes included in this ERP will be HR, Finance, Inventory management, designing new model, shipping, managing suppliers, production management, managing customers' data with their order details. Sales and Marketing will also be part of the ERP system. An integrated mobile application will also be developed. As the organization's data will be hosted by IT vendor, therefore it will be responsibility of IT vendor to implement all security requirements including data backup. These security mechanisms will be implemented with the discussion with the project sponsor.

1.4. Project Objective

The goal of the project is to implement the new cloud based ERP in the company. ERP will help in automating all business processes by managing all its data in the centralized location i.e the host company's data center. The ERP system will increase the competitive advantages of the organization by minimizing the response rate and increasing the production with better quality. With the mobile application, the process will be easier with the increase in the remote access by the user. All processes will be integrated with one centralized data centre. The decision making process will get improved with ERP solution as the results can be extracted in the form of reports in just few seconds (Salimi & Dankbaar, 2006).

2. Providing Project Outline to the Team

The communication process within the project can impact many project activities if those are communicated in the correct way to team members. Hence, communication management is considered as one of the most significant information areas while managing a project. The communication management process can include providing all details of the project planning, data collection, distribution, and project execution (Muszynska, 2017). The project team members will include:

- Project Manager
- Business Analyst
- IT Vendor
- Networking Engineer
- Database Security Engineer
- Developers
- Backend Developer
- Quality Analyst

The face to face meetings will be conducted with team members. During these meetings the project requirements will be discussed so that project implementation methodologies can be suggested from all team members. For effectively execution of the project, getting accurate details of the business requirements is very important. The important points that are discussed in meetings will be documented and mailed to all team members.

3. Communication Management Plan

A better communication is required among team members in order to avoid any type of confliction. The communication plan for the team is as following:

Communication Type	Recipient	Responsible	Frequency	Communication Method
Gathering all project requirements	Team members, Project manager	Stakeholders, project sponsor	Initially once	Meetings and Interviews

Developing project scope	Project team	Project manager	Once	Face-to face meetings
Budget and scheduled time	Project team	Project manager	During project planning (Once)	Meeting and Emails
Discussing technical aspects of the project	Project team	Project manager	During the project execution	Meetings and Emails
Action Plan	Project manager	Project team	Once	Meetings
Routine follow ups	Project manager	Project team	Daily	Meetings
Risks review	Project team	Project manager	Every week	Meeting and Emails

4. Tools used for Monitoring the Goals, Time frames and Milestones

Project Name	ERP system improvement and support			
Main Processes	Management activities	Inputs	Tools & Techniques	Outputs
	Gathering Project Requirements	Defining Project Scope	Interviews, Observing documents	Accurate project scope and out-of-scope activities defined
	Listing project activities	Dividing the project into small milestones and activities	MS Project	Estimating budget
	Guessing project resources	Check estimated cost	MS Project	Finalize time schedule and estimated budget
	Analyzing scheduled time	Check time required for each activity	MS Project	Check Critical path

5. Project Milestones and Activities

The implementation of ERP project is scheduled for 222 days. The entire project will be divided into milestones which further will be divided into activities. The combination of

both agile and waterfall methodology has been used for the implementation of the project. MS Project tool is used for scheduling the timeline for the project. The main milestones of the project are as following:

Milestones	Start Date	End date
Analyzing project feasibility	03.05.21	24.06.21
Developing project plan document	25.06.21	19.08.21
Finalizing data center	20.08.21	28.10.21
Implementation of IT ERP	10.09.21	23.12.21
Testing Server	24.12.21	17.02.22
User Training	18.2.22	1.3.22
Project Closure	02.03.22	08.03.22

6. Project Budget

The overall budget estimated for completing the project is \$20,00,000.00. It includes cost of ERP new software, cost of host data center, salaries, Firewall installation, Training cost, data backup, implementation of data security at the location of data center, internet cost, configuring wireless network infrastructure in the organization. This overall cost can be divided as following:

Task	Total estimated cost (\$)
Salaries	5,00,000.00
IT Business automobile	3,00,000.00
Data Center	5,00,000.00
Firewall infrastructure	10,000.00
Training	20,000.00
Security implementation	5,00,000.00
Configuration of Wireless network	5,000.00
Data backup	5,000.00
ERP maintenance	1,60,000.00

Total cost	20,00,000.00
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7. Use of Project Resources

- Project Manager
- Business Analyst
- IT Vendor
- Networking Engineer
- Database Security Engineer
- Developers
- Backend Developer
- Quality Analyst

8. Monitoring Project Progress

The monitoring of the project progress depends on following tasks:

- Schedule monitoring
- Change monitoring
- Quality monitoring
- Cost monitoring

In schedule monitoring, the project will be monitored on the basis of project scheduled whether all activities are completed on time or not. It also includes monitoring tasks that the team is working on and any missing tasks. If any changes suggested by stakeholders or project manager, it must be analysed and determine how much changes are required and how the project scope will be changed. The quality analysis will monitor the quality of the project on the basis of business requirement that are required to be in recommended best practise. It's the responsibility of the project manager to monitor the cost expenses during the project execution. It can be monitored according to planned value, actual cost and earned value.

9. Maintaining Project Records

The project manager will have responsibility to manage all project records. The PM information system will be used for managing all records that include MS Project for scheduling and estimating budget whereas Primavera software, will be used for recording all data. This progress can be improved with the implementation of policies and guidelines. The access control to these records is very critical as data security depends on access privileges.

10. Legislation

Discrimination at work place in same project is very common as team members can have conflicts at small points. It is the responsibility of the project manager to have good leadership qualities so that any type of discrimination among team members can be avoided. Also, to take care of health and staff of all team members is the responsibility of the PM. He will develop some policies, so that if a team member feels sick, the backup plan can be used. It will help in timely completion of the project.

11. Results and Discussion

The success of the project will be evaluated in terms of following factors:

- The project is completed with the scheduled time.
- The project achieves stakeholders' requirements and hence client is satisfied with the project.
- The project is completed within the budget and schedule.
- The project scope is satisfied within the project.

12. References

- Junnarkar, A., R. and Verma, A. (2017). STUDY ON SYSTEM APPLICATION PRODUCT (SAP) – AN IMPORTANT ENTERPRISE RESOURCE PLANNING TOOL FOR ACHIEVEMENT OF ORGANISATIONAL VISION, MISSION AND OPERATIONAL PERFORMANCE. International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 02 | Feb -2017. Retrieved from - <https://www.irjet.net/archives/V4/i2/IRJET-V4I2413.pdf>
- Salimi, F. & Dankbaar, B. (2006). A Comprehensive Study on the Differences in ERP Implementation between Manufacturing and Service Industry. Journal of International Technology and Information: Vol. 15: Iss. 3, Article 2. Management. Retrieved from -<https://core.ac.uk/download/pdf/55335554.pdf>
- Muszynska, K. (2017). Patterns of Communication Management in Project Teams. Lecture Notes in Business Information Processing 277:202-221. Retrieved from - https://www.researchgate.net/publication/313020060_Patterns_of_Communication_Management_in_Project_Teams

13. Appendix

13.1. Linking the cost with Milestones and Activities

Task Name	Duration	Start	Finish	Cost1
Implementation of ERB in Beta Automobiles	222 days	Mon 03-05-21	Tue 08-03-22	\$2,000,000.00
Analyzing Project Feasibility	39 days	Mon 03-05-21	Thu 24-06-21	\$5,000.00
Gather project Requirements	8 days	Mon 03-05-21	Wed 12-05-21	\$1,000.00
Study all requirements	2 days	Thu 13-05-21	Fri 14-05-21	\$200.00
Analyze current business processes	8 days	Mon 17-05-21	Wed 26-05-21	\$100.00
Analyze existing documents	5 days	Thu 27-05-21	Wed 02-06-21	\$1,000.00
Check economic feasibility	4 days	Thu 03-06-21	Tue 08-06-21	\$1,000.00
Check technical feasibility	5 days	Wed 09-06-21	Tue 15-06-21	\$1,000.00
Study various information systems	5 days	Wed 16-06-21	Tue 22-06-21	\$100.00
Develop business plan	1 day	Wed 23-06-21	Wed 23-06-21	\$200.00
Approval of business plan	1 day	Thu 24-06-21	Thu 24-06-21	\$0.00
Developing project plan document	40 days	Fri 25-06-21	Thu 19-08-21	\$600,000.00
Study various information System	5 days	Fri 25-06-21	Thu 01-07-21	\$0.00
Estimating budget and scheduled time	5 days	Fri 02-07-21	Thu 08-07-21	\$200,000.00
Finalize best ERP	3 days	Fri 09-07-21	Tue 13-07-21	\$300,000.00
Check options for ERP	5 days	Wed 14-07-21	Tue 20-07-21	\$0.00
Finalize Cloud vendor	5 days	Wed 21-07-21	Tue 27-07-21	\$0.00
Analyse host data centre	7 days	Wed 28-07-21	Thu 05-08-21	\$0.00

Analyse all risks and develop risk mitigation plan	7 days	Fri 06-08-21	Mon 16-08-21	\$100,000.00
Project plan development	3 days	Tue 17-08-21	Thu 19-08-21	\$0.00
Finalizing data centre	50 days	Fri 20-08-21	Thu 28-10-21	\$500,000.00
Analyse data centre of host cloud vendor	10 days	Fri 20-08-21	Thu 02-09-21	\$0.00
Check and finalize security options	10 days	Fri 03-09-21	Thu 16-09-21	\$0.00
Detailed configuration design for servers	10 days	Fri 17-09-21	Thu 30-09-21	\$0.00
Finalize the company's data centre place	10 days	Fri 01-10-21	Thu 14-10-21	\$0.00
Finalize the data center	5 days	Fri 15-10-21	Thu 21-10-21	\$0.00
Testing server	5 days	Tue 03-09-19	Mon 09-09-19	\$0.00
Implementation of new ERP	75 days	Fri 10-09-21	Thu 23-12-21	\$500,000.00
Divide the project into sub modules	5 days	Fri 10-09-21	Thu 16-09-21	\$0.00
Develop Agile teams	5 days	Fri 17-09-21	Thu 23-09-21	\$500,000.00
Check compatibility	5 days	Fri 24-09-21	Thu 30-09-21	\$0.00
Design database	10 days	Fri 01-10-21	Thu 14-10-21	\$0.00
Setting up database	5 days	Fri 15-10-21	Thu 21-10-21	\$0.00
Analysing data visualization	5 days	Fri 22-10-21	Thu 28-10-21	\$0.00
Integration of database with front end	20 days	Fri 29-10-21	Thu 25-11-21	\$0.00
Integration of all processes	10 days	Fri 26-11-21	Thu 09-12-21	\$0.00
Developing mobile application	10 days	Fri 10-12-21	Thu 23-12-21	\$0.00
Testing server	40 days	Fri 24-12-21	Thu 17-02-22	\$160,000.00
Prepare test cases for data centre	5 days	Fri 24-12-21	Thu 30-12-21	\$0.00
Conduct Trial run	5 days	Fri 31-12-21	Thu 06-01-22	\$0.00

Load data on servers	10 days	Fri 07-01-22	Thu 20-01-22	\$160,000.00
Prepare use cases for testing the application	10 days	Fri 21-01-22	Thu 03-02-22	\$0.00
Conduct load testing & tuning	10 days	Fri 04-02-22	Thu 17-02-22	\$0.00
User Training	8 days	Fri 18-02-22	Tue 01-03-22	\$20,000.00
Prepare a test plan for each department	5 days	Fri 25-02-22	Thu 03-03-22	\$0.00
Conduct training in different sessions	5 days	Fri 18-02-22	Thu 24-02-22	\$20,000.00
Conduct a session of questionnaire for users	3 days	Fri 25-02-22	Tue 01-03-22	\$0.00
Project Closure	5 days	Wed 02-03-22	Tue 08-03-22	\$10,000.00
Provide system documentation	2 days	Wed 02-03-22	Thu 03-03-22	\$0.00
Prepare closure documents	2 days	Fri 04-03-22	Mon 07-03-22	\$10,000.00
Acceptance from the client	1 day	Tue 08-03-22	Tue 08-03-22	\$0.00

13.2. Use of Resources

Task Name	Duration	Start	Finish	Cost1	Resource Names
Implementation of ERP in Beta Automobiles	222 days	Mon 03-05-21	Tue 08-03-22	\$2,000,000.00	
Analysing Project Feasibility	39 days	Mon 03-05-21	Thu 24-06-21	\$5,000.00	
Gather project Requirements	8 days	Mon 03-05-21	Wed 12-05-21	\$1,000.00	Project Manager
Study all requirements	2 days	Thu 13-05-21	Fri 14-05-21	\$200.00	Project Manager, Business Analyst
Analyse current business processes	8 days	Mon 17-05-21	Wed 26-05-21	\$100.00	Project Manager, Business Analyst
Analyse existing documents	5 days	Thu 27-05-21	Wed 02-06-21	\$1,000.00	Project Manager, Business Analyst

Check economic feasibility	4 days	Thu 03-06-21	Tue 08-06-21	\$1,000.00	Project Manager
Check technical feasibility	5 days	Wed 09-06-21	Tue 15-06-21	\$1,000.00	Project Manager
Study various information systems	5 days	Wed 16-06-21	Tue 22-06-21	\$100.00	Project Manager
Develop business plan	1 day	Wed 23-06-21	Wed 23-06-21	\$200.00	Project Manager
Approval of business plan	1 day	Thu 24-06-21	Thu 24-06-21	\$0.00	Project Manager
Developing project plan document	40 days	Fri 25-06-21	Thu 19-08-21	\$600,000.00	
Study various information System	5 days	Fri 25-06-21	Thu 01-07-21	\$0.00	Business Analyst
Estimating budget and scheduled time	5 days	Fri 02-07-21	Thu 08-07-21	\$200,000.00	Project Manager
Finalize best ERP	3 days	Fri 09-07-21	Tue 13-07-21	\$300,000.00	Project Manager, Business Analyst
Check options for ERP	5 days	Wed 14-07-21	Tue 20-07-21	\$0.00	Project Manager, IT Vendor
Finalize Cloud vendor	5 days	Wed 21-07-21	Tue 27-07-21	\$0.00	Project Manager
Analyse host data centre	7 days	Wed 28-07-21	Thu 05-08-21	\$0.00	Project Manager, Network Engineer
Analyse all risks and develop risk mitigation plan	7 days	Fri 06-08-21	Mon 16-08-21	\$100,000.00	Project Manager, Business Analyst
Project plan development	3 days	Tue 17-08-21	Thu 19-08-21	\$0.00	Project Manager
Finalizing data centre	50 days	Fri 20-08-21	Thu 28-10-21	\$500,000.00	
Analyse data centre of host cloud vendor	10 days	Fri 20-08-21	Thu 02-09-21	\$0.00	Network Engineer
Check and finalize security options	10 days	Fri 03-09-21	Thu 16-09-21	\$0.00	Network Engineer, Database Security Engineer
Detailed configuration design for servers	10 days	Fri 17-09-21	Thu 30-09-21	\$0.00	Network Engineer, Database Security Engineer
Finalize the company's data centre place	10 days	Fri 01-10-21	Thu 14-10-21	\$0.00	Network Engineer, Database Security Engineer

Finalize the data center	5 days	Fri 15-10-21	Thu 21-10-21	\$0.00	Network Engineer, Database Security Engineer
Testing server	5 days	Tue 03-09-19	Mon 09-09-19	\$0.00	Network Engineer, Database Security Engineer
Implementation of new ERP	75 days	Fri 10-09-21	Thu 23-12-21	\$500,000.00	
Divide the project into sub modules	5 days	Fri 10-09-21	Thu 16-09-21	\$0.00	Project Manager
Develop Agile teams	5 days	Fri 17-09-21	Thu 23-09-21	\$500,000.00	Project Manager
Check compatibility	5 days	Fri 24-09-21	Thu 30-09-21	\$0.00	Developer 1
Design database	10 days	Fri 01-10-21	Thu 14-10-21	\$0.00	Backend Developer
Setting up database	5 days	Fri 15-10-21	Thu 21-10-21	\$0.00	Backend Developer
Analysing data visualization	5 days	Fri 22-10-21	Thu 28-10-21	\$0.00	Backend Developer
Integration of database with front end	20 days	Fri 29-10-21	Thu 25-11-21	\$0.00	Developer 2
Integration of all processes	10 days	Fri 26-11-21	Thu 09-12-21	\$0.00	Developer 1, Developer 2
Developing mobile application	10 days	Fri 10-12-21	Thu 23-12-21	\$0.00	Developer 1, Developer 2
Testing server	40 days	Fri 24-12-21	Thu 17-02-22	\$160,000.00	
Prepare test cases for data centre	5 days	Fri 24-12-21	Thu 30-12-21	\$0.00	Quality Analyst
Conduct Trial run	5 days	Fri 31-12-21	Thu 06-01-22	\$0.00	Quality Analyst
Load data on servers	10 days	Fri 07-01-22	Thu 20-01-22	\$160,000.00	Backend Developer, Developer 2, Developer 1
Prepare use cases for testing the application	10 days	Fri 21-01-22	Thu 03-02-22	\$0.00	Quality Analyst
Conduct load testing & tuning	10 days	Fri 04-02-22	Thu 17-02-22	\$0.00	Quality Analyst
User Training	8 days	Fri 18-02-22	Tue 01-03-22	\$20,000.00	
Prepare a test plan for each department	5 days	Fri 25-02-22	Thu 03-03-22	\$0.00	Project Manager, Business Analyst
Conduct training in different sessions	5 days	Fri 18-02-22	Thu 24-02-22	\$20,000.00	Project Manager, Business Analyst
Conduct a session of questionnaire for users	3 days	Fri 25-02-22	Tue 01-03-22	\$0.00	

Project Closure	5 days	Wed 02-03-22	Tue 08-03-22	\$10,000.00	
Provide system documentation	2 days	Wed 02-03-22	Thu 03-03-22	\$0.00	Project Manager
Prepare closure documents	2 days	Fri 04-03-22	Mon 07-03-22	\$10,000.00	Project Manager
Acceptance from the client	1 day	Tue 08-03-22	Tue 08-03-22	\$0.00	

13.3. Work Breakdown Structure (WBS)

The project activities are as following:

Task Name	Duration	Start	Finish
Implementation of new ERP in Beta Automobiles	222 days	Mon 03-05-21	Tue 08-03-22
Analysing Project Feasibility	39 days	Mon 03-05-21	Thu 24-06-21
Gather project Requirements	8 days	Mon 03-05-21	Wed 12-05-21
Study all requirements	2 days	Thu 13-05-21	Fri 14-05-21
Analyse current business processes	8 days	Mon 17-05-21	Wed 26-05-21
Analyse existing documents	5 days	Thu 27-05-21	Wed 02-06-21
Check economic feasibility	4 days	Thu 03-06-21	Tue 08-06-21
Check technical feasibility	5 days	Wed 09-06-21	Tue 15-06-21
Study various information systems	5 days	Wed 16-06-21	Tue 22-06-21
Develop business plan	1 day	Wed 23-06-21	Wed 23-06-21
Approval of business plan	1 day	Thu 24-06-21	Thu 24-06-21
Developing project plan document	40 days	Fri 25-06-21	Thu 19-08-21
Study various information System	5 days	Fri 25-06-21	Thu 01-07-21
Estimating budget and scheduled time	5 days	Fri 02-07-21	Thu 08-07-21
Finalize best ERP	3 days	Fri 09-07-21	Tue 13-07-21
Check options for IT project	5 days	Wed 14-07-21	Tue 20-07-21
Finalize Cloud vendor	5 days	Wed 21-07-21	Tue 27-07-21
Analyse host data centre	7 days	Wed 28-07-21	Thu 05-08-21
Analyse all risks and develop risk mitigation plan	7 days	Fri 06-08-21	Mon 16-08-21
Project plan development	3 days	Tue 17-08-21	Thu 19-08-21
Finalizing data centre	50 days	Fri 20-08-21	Thu 28-10-21
Analyse data centre of host cloud vendor	10 days	Fri 20-08-21	Thu 02-09-21
Check and finalize security options	10 days	Fri 03-09-21	Thu 16-09-21
Detailed configuration design for servers	10 days	Fri 17-09-21	Thu 30-09-21
Finalize the company's data centre place	10 days	Fri 01-10-21	Thu 14-10-21
Finalize the data centre	5 days	Fri 15-10-21	Thu 21-10-21
Testing server	5 days	Tue 03-09-19	Mon 09-09-19

Implementation of ERP	75 days	Fri 10-09-21	Thu 23-12-21
Divide the project into sub modules	5 days	Fri 10-09-21	Thu 16-09-21
Develop Agile teams	5 days	Fri 17-09-21	Thu 23-09-21
Check compatibility	5 days	Fri 24-09-21	Thu 30-09-21
Design database	10 days	Fri 01-10-21	Thu 14-10-21
Setting up database	5 days	Fri 15-10-21	Thu 21-10-21
Analysing data visualization	5 days	Fri 22-10-21	Thu 28-10-21
Integration of database with front end	20 days	Fri 29-10-21	Thu 25-11-21
Integration of all processes	10 days	Fri 26-11-21	Thu 09-12-21
Developing mobile application	10 days	Fri 10-12-21	Thu 23-12-21
Testing server	40 days	Fri 24-12-21	Thu 17-02-22
Prepare test cases for data centre	5 days	Fri 24-12-21	Thu 30-12-21
Conduct Trial run	5 days	Fri 31-12-21	Thu 06-01-22
Load data on servers	10 days	Fri 07-01-22	Thu 20-01-22
Prepare use cases for testing the application	10 days	Fri 21-01-22	Thu 03-02-22
Conduct load testing & tuning	10 days	Fri 04-02-22	Thu 17-02-22
User Training	8 days	Fri 18-02-22	Tue 01-03-22
Prepare a test plan for each department	5 days	Fri 25-02-22	Thu 03-03-22
Conduct training in different sessions	5 days	Fri 18-02-22	Thu 24-02-22
Conduct a session of questionnaire for users	3 days	Fri 25-02-22	Tue 01-03-22
Project Closure	5 days	Wed 02-03-22	Tue 08-03-22
Provide system documentation	2 days	Wed 02-03-22	Thu 03-03-22
Prepare closure documents	2 days	Fri 04-03-22	Mon 07-03-22
Acceptance from the client	1 day	Tue 08-03-22	Tue 08-03-22