



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 الانجليزية.
- 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. سيتمكنون 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 وربط 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..

The outline of the project to creating cryptocurrency

Instructions:

Cryptocurrency meaning:

Encrypted digital currencies or cryptocurrency, the latter which is an English term for it, and from its name it can be described as currencies that do not have a physical presence, but rather exist digitally only with their building on the principle of encryption.

Because there are digital currencies, but they are not encrypted like digital transactions by regular fiat currencies (dollars, euros, pounds sterling..ect). While encrypted digital currencies are based in their work on blockchain technology, which allows encryption of the currency and makes it difficult for what used to be hack and copies of it as counterfeit currencies, as it eliminates the presence of a third party in its operation, but is based on the sender and the receiver only.

It is a well-known fact that cryptocurrency is not issued or controlled by central authorities like governments or banks; instead, it is created from scratch. The process of creating a cryptocurrency is referred to as mining. In its most basic form, the term mining refers to how we can calculate the value of cryptocurrency assets through cryptographic processes. These processes generally mine the cryptocurrency of interest into blocks which are nothing but simplified ledger files that have a record of all recent transactions. Mining is one of the most critical aspects of any cryptocurrency protocol and is generally considered to be quite expensive and time-consuming (Malone and O'Dwyer 2014). Mining as a process enables a cryptocurrency transaction to take place, i.e., it establishes transaction capability, transaction legitimacy, and transaction consensus. Mining is quite complex to understand due to it being a mix of different disciplines, to truly understand the process, it is necessary to combine knowledge from economics, computer science, and cryptography (Berentsen and Schar 2018)[1].

Blockchain technology meaning:

Blockchain is a technology that allows a person (or company) to transfer assets of value to another person safely and without the interference of any intermediary. a blockchain is simply a chain of records or static blocks of data, and it is managed by a group of computers not owned by any single entity. The blocks of data (block) are secured and linked together using cryptographic principles.

The blockchain network is independent, and not yield to any central authority. Because it is basically a shared and immutable record, and the information in it is open and available for anyone to view. Hence, anything built on the blockchain is inherently transparent. also, blockchain transactions are free and have no direct cost.

Technically, the blockchain refers either to a distributed data infrastructure or a method for recording data using a cryptoanalytic hash function. Blockchains consist of nodes situated upon some communication network which use some common communication

protocol – each node on the network stores a copy of the blockchain and a consensus function is implemented to verify transactions to preserve the immutability of the chain (transactions cannot be changed) (Bashir, 2017). The blockchain can be perceived as another application layer that runs on top of internet protocols and that enables economic transactions between relevant parties. It can also be used as a registry and inventory system for recording, tracing, monitoring and transacting assets (tangible, intangible or digital). Some think of the blockchain as a giant spreadsheet appropriate for registering all types of assets and an accounting system for transacting such assets on a global scale (Swan, 2015)[2].

To create cryptocurrency must to be defined the project is a **coin** or a **token** and the main difference between them is that a coin is based on its own blockchain, independently of any platform. A token is based on top of a protocol through a smart contract, built on a blockchain platform such as ethereum.

A work breakdown structure (WBS) is a tool that can be used for projects to defined the require work and help to identify the scope and the outline of project which mean prevent work from slipping through cracks then failure the project in the end.

After illustrating the concept of encrypted digital currencies and what is seeing from improving in digital currencies especially in bitcoin and ethereum. The objective of the project is to create a digital currency targeting the cinema sector, and in my capacity as the project manager, it is necessary to work and employ what has been studied to seek for the success of the project with scientific methods that ensure the completion of the project within the specified time and within budget.

It is not possible to start any project unless the purpose, objectives, and scope of the project are specified clear. In our research purpose, objectives, and scope of the project will be defined and using WBS

Literature Review:

There are many scientific studies that confirm the importance of Work Breakdown Structure in the success of the project and without which it causes a lack of clarity in the scope hence will contribute to the failure of the project.

The main purpose of Work Breakdown Structure is that firstly, it helps to define and organize the scope of the total project more accurately and specifically. The most common way this is done is by using a hierarchical tree structure. Each level of this structure breaks the project deliverables or objectives down to more specific and measurable chunks. The second reason for using a Work Breakdown Structure in your projects is to help with assigning responsibilities, resource allocation, monitoring the project, and controlling the project. The WBS makes the deliverables more precise and concrete so that the project team knows exactly what has to be accomplished within each deliverable[3].

An important design principle for work breakdown structures is called the 100% rule. It has been defined as follows: The 100% rule states that the WBS includes 100% of the work defined by the project scope and captures all deliverables – internal, external, interim – in terms of the work to be completed, including project management. The 100% rule is one of the most important principles guiding the development, decomposition and evaluation of the WBS. It is important to remember that the 100% rule also applies to the activity level. The work represented by the activities in each work package must add up to 100% of the work necessary to complete the work package. Mutually exclusive: In addition to the 100% rule, it is important that there is no overlap in scope definition between different elements of a work breakdown structure. This ambiguity could result in duplicated work or miscommunications about responsibility and authority[4].

Methodology:

to describe the outline of the project we would need to apply the Work Breakdown Structure (WBS) is a useful tool that determines a project and discrete work components in a way that helps organize and determine the total work scope of the project, project milestones, and help to illustrate the project scope the stakeholders. We will estimate the time of the activities from previous similar projects

Results and Discussion:

WBS	Task Description	Responsibility	Durations	Start	End
1	Create a brand identity		16 Days	Mon/06/2020	Wed/06/2020
1.1	Name	Director	7 Days	Mon/06/2020	Sun/06/2020
1.1.1	Symbol	IT Manager	2 Days	Mon/06/2020	Tue/06/2020
1.1.1.1	Logo	Design Manager	8 Days	Wed/06/2020	Wed/06/2020
2	Grete MVP	IT Manager	15 Days	Thu/06/2020	Thu/07/2020
3	Choose an exchange platform	Choose an exchange platform	10 Days	Fri/07/2020	Sun/07/2020
4	Create white paper	Director	17 Days	Mon/07/2020	Wed/07/2020
5	Create and develop website	IT Manager	15 Days	Thu/07/2020	Thu/08/2020
6	Create and develop a Token		2 Days	Fri/08/2020	Sat/08/2020
6.1	Create a Token in Ethereum	IT Manager	1 Days	Fri/08/2020	Fri/08/2020
6.1.1	Smart contract ERC-20	IT Manager	1 Days	Sat/08/2020	Sat/08/2020
7	IEO		11 Days	Sun/08/2020	Wed/08/2020
7.1	Create a funding goal	Finance Manager	5 Days	Sun/08/2020	Thu/08/2020
7.1.1	Listing tokens on the exchange	Product Manager	6 Days	Fri/08/2020	Wed/08/2020
8	Post-IEO		27 Days	Thu/08/2020	Tue/09/2020
8.1	Establish the marketing and Social Media	Marketing Manager	10 Days	Thu/08/2020	Sat/09/2020
8.1.1	Blog Writing and SEO	Marketing Manager	8 Days	Sat/09/2020	Sat/09/2020

* MVP Mean : Minimum Viable Product is a functional app that comes loaded with the prime features that best represent the application. It is a standalone application version containing mobile app MVP functionalities that can be sent to the users for them to play around and gauge the experience that they'll get out of the full version of the application.

* IEO Mean : Initial Exchange Offering is a token sale organized with the help of an exchange platform. The crypto exchange manages all the operations on behalf of the startup. In return, the startup pays a listing fee and gives a percentage of the tokens sold to the exchange

As we know WBS is associated with the objectives of the organization and any influence on it that will affect on the project, after the implementation of WBS it was discovered that there are some points that were not taken as planned, so we got some effect in that as the following:

- There are some tasks that were not clear match with sufficient detail.
- There are some tasks that have been identified based on the decision was based on the opinions of the people who dominate over during meetings held.

Based on what has been mentioned above, the effect was an increase in the time on the activities, which may lead to an increase in the critical path, which necessitated the intervention to improve this in order to avoid the occurrence of these issues that would impact on project goals. So we will be addressing the issues as follows:

- Questions several will be asked about points that were not clear to get more access to a desired and adequate level of information.
- We'll have several meetings based on managerial level and will include each group separately to ensure that get the desired goals that need to be achieved.
- Then the results will be collected.
- Then the data will be analyzed, and the results of announced for all concerned.
- Some tasks will be separated and others will be combined with other tasks.
- Then we will estimate the time of the activities by using bottom-up estimating.
- Will also request to have the expert judgment to reach a professional judgment of the estimated time and to reach the correct level in which WBS will be restored as required to achieve the desired goals.

References

- [1] Stéphane GoutteKhaled GuesmiSamir Saadi (2019). Cryptofinance and Mechanisms of Exchange
- [2] Yingli Wang, Jeong Hugh Han, Paul Beynon-Davies(2018).Understanding blockchain technology for future supply chains: a systematic literature review and research agenda
- [3] T.Rajani Devi, V.Shobha Reddy / International Journal of Engineering(2012). Work Breakdown Structure of the Project.
- [4] Wan-yin Du (2014). Researching of Project Management Information Systems Based on WBS.