The Importance and Trending of IT Project Management

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Abstract— *Projects play key roles in most present-day businesses and firms. The administration of these monetary exercises, venture the executives, is persistently evolved and today viewed as at the focal point of upper hand. Much exemplary exploration on task the executives have, notwithstanding, centered around the arranging and planning activities of project management. Customary works inside the region even appear to treat project management as a control of arranging or a use of frameworks examination. Quite a bit of this work, notwithstanding, misses the mark on observational grounds and has not considered undertaking the board practice in any further detail. This paper, then again, takes its beginning stage in two inside and out contextual investigations and one ethnography of the administration of item advancement ventures. In light of these exact perceptions, we expound on a structure for the examination of undertaking the board work where two points of view are put at the front; information viewpoint and time viewpoint. From these points of view, we talk about various jobs that project management has in a product development context.*

I. INTRODUCTION (HEADING 1)

In nearly every organization, information systems projects require more time and money to implement than anticipated or the system does not perform as expected. When information systems do not meet expectations or cost too much to develop, companies do not realize the benefits of their information systems, and the systems may not be able to solve problems. Therefore, the development of new systems must be done carefully and as best as possible.

Without managing management, the system development project takes longer to complete the project and can exceed the allocated budget. A project is a series of planned activities related to certain business achievements. Information systems projects include developing new information systems, upgrading existing systems, or upgrading or replacing corporate / IT information technology infrastructure.

Project management refers to the application of knowledge, skills, tools and techniques to achieve specific goals within defined budget and time constraints. Project management activities include work planning, risk assessment, estimating the resources needed to complete the work, managing work, procuring human resources and raw materials, assignments, directing activities, controlling project implementation, reporting progress, and analyzing results.

II. IT PROJECT MANAGEMENT

A. Importance of IT Project Management

Project Management is a "one-off" scope of work defined by time, cost and quality

a) Temporary, the project has start and end

b) Unique, not routine but specific activities to accomplish something (product, service or result)

c) Specific goals

d) Usually has time/cost limit

e) Example of project, Getting a Degree

B. Trending of IT Project Management

a) Gig Economy
   i. A labor market characterized by the prevalence of short-term contracts or freelance work as opposed to permanent job

b) Big Data
   i. Data analytics and number
   ii. Data is important, with data you can make an accurate decisions
   iii. Data is very crucial

c) Artificial Intelligence
   i. Extra hands to help us
   ii. Help you calculate the best project to take on
   iii. Quick and efficiently schedule and assign resource real time

d) Change Management
   i. Stay flexible
   ii. Mitigating change, reducing change, embracing change, or accelerating change
   iii. Adapt and adjust their process, workflow, and competencies

e) Melding
   i. To reduce cost, time as much as possible so need to combine many methods

f) Tools and Solutions

    i.   *Project planning : schedule and time tracking*

    ii.   *We need communication specially this days cause the pandemic*

    iii.   *Budget and deadlines*

g) *EQ (Emotional Intelligence)*

    i.   *Controlling Emotion is important because it will impact every element when you are working*

    ii.   *We need to control emotion properly to make success project*

III. RELEVANT IT CAREERS

- *Network Engineer*
- *Programmer*
- *Software Developer*
- *Security Engineer*
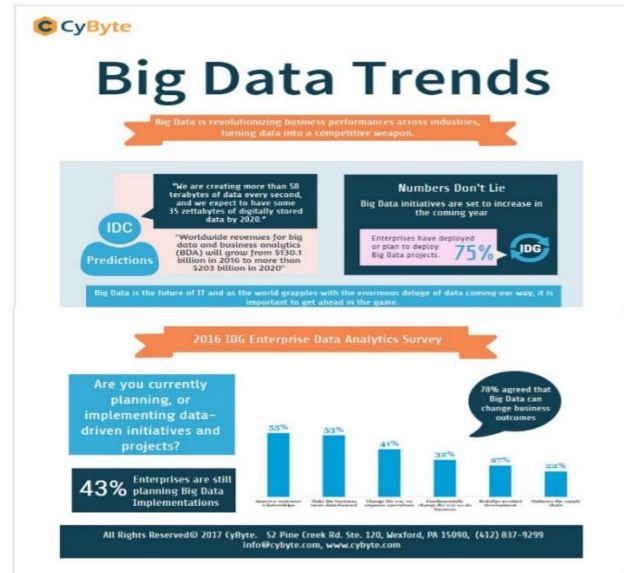- *Data Analyst*
- *Game Designer*

IV. REFLECTION

Ikhwan : After the industrial talk, I realized that everything in this life is a project and we should be the manager of our own life project in order to be successful. The speaker himself said that there will always be work out there, it up to us to shape ourselves according to our will to success or not. During writing this report, I also learned that we have to work together as a team in order to excel in a project. Doing alone will do no good to us or our groupmate. That's all

Bintang : After I finished this industrial talk, I realized that in my daily life, I have to always manage everything so that everything runs smoothly, just like managing IT projects, we must always pay attention to every detail of our project to get the maximum results.

. Christian : From the industrial talk, I learned that my life is a project and I have managed it to make a great future. It's important to do project management in order to make the best and right decision. The speaker tell the trends of project management it very useful information so I can make more efficient when managing a project, like using tools, control emotion and use Ai to make my work more easier. This is my re Abdulrahman: After attending the industrial talk with Mr. Mohammed Khairul Reza, I have learned many things that I

hope will help me in my future regarding doing any projects. Understanding the trending it projects was something amazing to learn and know. Learning about something such as Big data, Artificial Intelligence and EQ and trying to implement these things in the future that is my dream. flection

A. *Tables and figure*

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