***Abstract***- **This article reviewing about the importance and trending IT project management. Project management is the application of knowledge skills, tools, and techniques to project activities to meet the project requirement. We need to apply our knowledge, tool, and technique to manage the project. For IT project management is the process of planning, organizing, and delineating responsibility for the completion of an organizations' specific information technology (IT) goals [1]. In project management, we use the methodology of Projects in Controlled Environments (Prince2). Prince2 is a methodology initially developed by the United Kingdom government to manage IT projects. There are seven principles use by Prince2 and a few processes in Prince2 to manage the projects.**

 ***Keywords-Importance of Project management, Prince2 methodology, Project Management Trending***

# I. INTRODUCTION

 The article is reviewing industrial talk about the importance and trending of IT project management. The speaker for the industrial talk is Mr. Mohd Khairul Reeza Ruslan, Head of Project Management Office Commerce Dot Com Sdn Bhd and this industrial talk happened on Tuesday, 01 December 2020 from 10.00 am until 11.00 a.m. Project management is the application of knowledge skills, tools, and techniques to project activities to meet the project requirement, and the project management trending is the emerging of projects management changing rapidly due to the latest trends. Project management is very important to ensure that the element of projects such as time, cost, quality, and risk can be managed properly to meet the project requirements. We also need to follow the trends for project management because we can drive project management easily for upcoming years.

# II. IT PROJECT MANAGEMENT

*A. The Importance of IT Project Management*

 The IT project management is important to ensure that the element of project such as time, cost, quality, and risk can be managed properly to meet the project requirements. Through the well management, the project can be start and end on the right time follow the schedule without any delay. This may prevent the increasement of cost for the project which may leads to overbudget. The quality of the project can also be maintained as everything is well planned. The IT project management can also help to minimize the risk that faced by the project. The 7 principles in Prince 2 also contribute to the project management. It states that the work is planned in stages while the roles and responsibilities are clearly defined. These show that the project management is important so that everyone can know what they need to do at each stage of the project and contribute to the project. The principles also stated the need of focus on products. It is important for everyone to know what they need to focus more when doing the project.

TABLE I. THE ELEMENT OF PROJECT

|  |  |
| --- | --- |
| **Element** | **Description** |
| Time | The starting and ending time of a project |
| Cost | The cost required to accomplish a project |
| Quality | The category of a project either good or bad  |
| Scope | The boundary of the project |
| Risk | The problems may be faced by the project |
| Benefits | The advantages gained when finish the project |

## *B. Trending of IT Project Management*

 The trending of IT project management can divide to 8 part. First, the market is change to Gig Economy which is more flexible. A short-term contact is signed by employee instead of getting a permanent job to control the management. Second, the project management is more focus in big data to be analyse. More data can help to understand the customer needs and get more accurate decision to prevent the impacted risk. Nowadays, human power is replaced by Artificial Intelligence (AI) since it can complete project quickly and efficiently. AI also can save the time and cost to select and hire a group of new employees. For future development, the change management is required to adapt and adjust their processes. Next, the project can complete by using different ways and combine them together by method melding. Tools and solution also take an important part in project management such as communication and collaboration. Lastly, the emotion must be control by a project manager to avoid the negative impact.

### III. RELEVENT IT CAREER

 The relevant careers in IT project management include IT project manager. The IT project manager will help to manage the project, plans the project goals, and finalize the project [2]. Next, IT project administrator is also a relevant career. Their job includes making appointment, solve the problems regarding to the project, and update the project calendar. Another relevant career is software project manager.

#### IV. REFLECTION

 Here are our group member’s reflections after listening to the industrial talk.

* Throughout the talk, we can understand the concept of project management. The IT project management is very important to ensure that the project can accomplish smoothly. All elements of project such as time, cost and quality will give a big impact to our project. Hence, they must be well managed during the project is proceed. The trending of project management let us know more about what is required in the future project management. We must learn more about project management so that we can know what we need to do when carry out a project.
* Through this industrial talk, we can learn more about the methodologies used to make project management successful, especially Prince2. We can also learn about the trending of project management that can be used for upcoming years and the importance of project management.
* Through this informative talk, we realised that the project management is important for us in order to complete a task. The project management can help us to complete the task in the fix condition such as time, cost, and scope. This will help us to avoid the risk and maintain the quality of final task for our benefit gained.

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