Q1: Find someone who works as a project manager or someone who works on projects, such as a worker in your school’s IT department or the president of a social club. Prepare several interview questions to learn more about projects and project management, and then ask your questions in person, through e-mail, over the phone, or using other technology. Write a summary of your findings.

Ans1: A project manager's responsibilities include overall management, but he or she is seldom directly involved with the activities that actually produce the end result. The position also oversees any associated products and services, project tools and techniques to help ensure good practices. In addition, project managers are responsible for recruiting and building project teams, and making projections about the project's risks and uncertainties.

I have meet an IT manager his name is Bryan and he is a senior vice president in the digitalworld.co and he is the project manager here. We asked him a few question related to project management here are his replies:

* First what is a typical day in your office?

On average 20 different projects to handle, which include new network infrastructures for computers or implementing a new software system.

* Do you need to be skilled?

Yes you need to be good at multi-tasking and have good communication skills with good resources management.

* Third what are the job requirement for becoming a project manager?

Have a 5 year minimum experience to know how the overall projects work, education is important especially in management department and to be able to know how different project works.

* Fourth best and worst part of your job?

Overall achieving the goal of the project on time or in advance is the best thing to get, on the other side the worst part is not completing the implementation given and have to manage it properly takes a lot of time.

* Overall Final Advice?

Management experience is the best part to focus, overall knowledge is very important to you don’t need to be able to understand all of it just the upper layer if enough, the organize is also a key factor to focus on and developing a good communication helps a lot.

Q2: Search the Internet for the terms project management, project management careers, project portfolio management, and IT project management. Find at least three web sites that provide interesting information on one of the topics. Write a short note summarizing key information about these three web sites.

* **PROJECT MANAGEMENT**:

A project is **temporary** in that it has a defined beginning and end in time, and therefore defined scope and resources. The development of software for an improved business process, the construction of a building or bridge, the relief effort after a natural disaster, the expansion of sales into a new geographic market — all are projects. he application of knowledge, skills, tools, and techniques to project activities to meet the project requirements.

Project management processes fall into five groups:

1. Initiating
2. Planning
3. Executing
4. Monitoring and Controlling
5. Closing

Project management knowledge draws on ten areas:

1. Integration
2. Scope
3. Time
4. Cost
5. Quality
6. Procurement
7. Human resources
8. Communications
9. Risk management
10. Stakeholder management

<https://www.pmi.org/about/learn-about-pmi/what-is-project-management>

* **PROJECT MANAGEMENT CAREERS**:

**Engineering and Construction**

Construction and civil engineering projects have always needed project managers and right now the situation is no different. Even in times of global recession, countries still need to replace old housing, build facilities for a growing population and refresh infrastructure. Urban renewal leads to a spike in seeking out people with the right skills to lead and manage local and international infrastructure change. That makes it a good place to start looking for a project manager job.

**Healthcare**

With an aging population globally and developments in technology, healthcare is undergoing a radical transformation right now. From being involved with building new hospitals, to providing outreach services in hard-to-reach communities, there is a lot going on.

**Financial Services**

Over the last decade, project management has become integral to the way that financial services businesses operate. With the drive for getting better returns from smarter ways of working, and implementing transformative change to align with strategic plans and the evolving expectations of customers, there is a lot to be done.

### Law

Legal project management is a specific branch of project management that has evolved over the last few years. Project managers can enter the profession from any background, not necessarily a legal one, but if you do have legal skills that could be seen by recruiters as an advantage.

### Technology

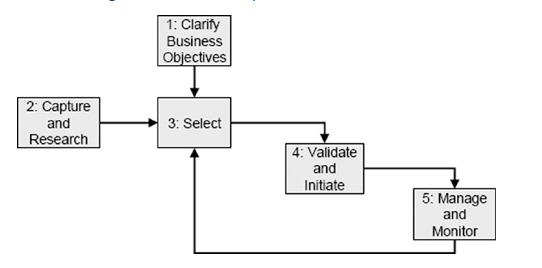
The IT sector continues to be at the forefront of hiring for project management professionals. The range of work for project managers to get involved with is staggering: everything from developing solutions with alternative currencies like bit coin, improvements in artificial intelligence, and projects to implement and exploit solutions like big data.

<https://www.thebalancecareers.com/top-industries-hiring-project-managers-4134996>

* **PROJECT PORTFOLIO MANAGEMENT:**

*The Standard for Portfolio Management* shows a more detailed breakdown of these steps:

1. Clarify business objectives
2. Capture and research requests and ideas
3. Select the best projects using defined differentiators that align, maximize, and balance
4. Validate portfolio feasibility and initiate projects
5. Manage and monitor the portfolio



This process identifies the most important differentiators between projects, such as Return On Investment, risk, efficiency, or strategic alignment. Then it uses these differentiators to select the high impact projects, clear out the clutter, and set priorities. Trade-offs are made in a disciplined way, rather than by allowing the loudest voice to win.

<https://www.pmi.org/learning/library/project-portfolio-management-limited-resources-6948>

* **IT PROJECT MANAGEMENT**:

IT project management includes overseeing projects for [software development](https://whatis.techtarget.com/reference/Learn-IT-Software-development), hardware installations, network upgrades, [cloud computing](https://searchcloudcomputing.techtarget.com/definition/cloud-computing) and [virtualization](https://searchservervirtualization.techtarget.com/definition/virtualization) rollouts, business analytics and [data management](https://searchdatamanagement.techtarget.com/definition/data-management) projects and implementing IT services.

Q3: Find any example of a real project with a real project manager. Feel free to use projects in the media (such as the Olympics, television shows, or movies) or a project from your work, if applicable. Write a paper describing the project in terms of its scope, time, and cost goals. Also describe other impacts on a project, such as quality, resources, and risks. Discuss what went right and wrong on the project and the role of the project manager and sponsor. Also describe whether the project was a success, and why. Include at least one reference and cite it on the last page.

Ans3: The project will about a Beijing Capital Airport Terminal Area Expansion Project. This is a project aims to upgrade the loading ability of Beijing airport terminal both of domestic and international.

The project scope includes mainly 9 items.

1. Construction of a passenger terminal building for both domestic and international services, which is almost 240 thousand square meters and annual handling capacity of 36 million people.
2. A cargo terminal building, which is 120,000 square meters.
3. A 41 spots and 464,000 square meters aprons.
4. An airport office building.
5. Staff quarters.
6. Infield road.
7. Parking area, which is 170,000 square meters.
8. The procurement of special vehicles.
9. The installation of fuel supply, telephone facilities, water supply and sewage and waste treatment facilities, etc.

The project cost

The total cost of this project is 7.93 million Chinese Yuan, the portion for local currency is around 6.33 million Chinese Yuan, and for the foreign currency portion is 1.6 million Chinese Yuan.

The project time schedule

The estimate development length is 81 months. From January 1994 to October 1999.

Based on a detail and long term inspissation, the scope, the cost and also the development length of this project are well defined. The project was successfully finalized in an acceptable status. The expect cost is 7.93 million Chinese Yuan, and actually cost is 113.357 million Chinese Yuan. And expect finish date is October 1999, but actually finish date is September 1999. The manager played a vital part in this project; the manager tracked all processes of development and responded to all changes during development. The only thing went wrong is underestimate the number of passengers that this airport will support in the following years.

Reference: From link: <http://chenitc493.blogspot.com/2007/09/itc493-assignment-1-exerices-1.html>