SUNWAY
INT'L BUSINESS SCHOOL

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Assignment / Lab Sheet / Project / Case Study No. _**1**___

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Submitted By: **Submitted To:**

Student Name**: Dipesh Tha Shrestha**   Faculty Name**: Satyam paudel**

IUKL ID: **041902900028**   Department**: LMS**

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1. List out 2 common project management tools and techniques in each project management area.

Answer:

Project management tools are aids to assist an individual or team to effectively organize work and manage projects and tasks. The term usually refers to project management software you can purchase online or even use for free. Project Management tool and techniques are an essential part of project management. Project management tools and techniques are precisely what make managing projects easier and more effective. Project managers, project management software and various aspects of project management carry their own toolbox within which lies an array of helpful and useful apparatuses that help projects to save on time and cost.

When it comes to project management tools and techniques, you don't have just one technique or foolproof tool that you can use in every project of every organization. Your decision about which one to choose should arise from the project specifics that the brief contained, the complexity level that project boasts, the nature and qualification of the team involved in the development and countless other factors.

Most of the project management tools and techniques can be used in various fields, but there are techniques that are natively designed for specific activities and these activities or projects really can't function properly if they don't have the foundation of those tools.

Given below are some of the most noteworthy project management techniques that are commonly used in the industry right now.

1. Classic technique

We often think that for completing a project or an assignment in our work-life requires the latest and the most complex tools and techniques so that we can achieve tangible results and for the most part is true but for all those other times the traditional and simplest techniques are the most appropriate for effective development in projects.

The classical technique is an amazing procedure which includes a proper plan to cover all of the upcoming work activities, which tasks are to be performed and what should be the chain of application that defines which task to do first,

allocating proper and resources to the tasks according to their importance, providing and receiving proper feedback from the team which helps in team building and also monitoring the quality of the work done and how are the deadlines being met by the team.

2. Agile Project Management

The project management technique that is the most famous and is quite outstanding in its application because it deals with projects in a way quite different from other traditional procedures is the Agile Project Management technique.

The Agile approach is basically crushing the big project steps into shorter sprints that help in a detailed analysis of the whole process during development stage. This detailed analysis helps in effective and adaptive planning according to the needs and changes required in the project as it gains a proper shape.

All of these activities result in a solid continual improvement during the developmental stage, and also the teams become more organized and collaboration inclined to produce the best results possible.

The Agile frameworks commonly include different techniques such as Scrum, Kanban, FDD, and DSDM, etc.

While the techniques are important, you also need specific tools that you can use to properly implement during the development page and achieve your desired results. Here is a list of tools that you can use during project management.

1. Organizing Workflow & Planning

The most important part and the literal start of any project is the planning stage which is basically the core of the whole process. This step defines who a project will be performed and how will it take shape so that the desired quality can be ensured and achieved in the future.

Large companies tend to use comprehensive solutions like MS Project that are designed for larger teams. For smaller teams though, it's a different story. There are a lot of different alternatives on the market which you can equip yourself with that don't have all of the fancy features of those comprehensive solutions, but

they still get the job done with their planning and roadmap features, useful for visualizing future project progress.

2 . Scheduling and Time Management

Money is the top factor in the development of a project or anything really. And while in certain projects you are allowed to spend more resources and time quite thoughtlessly, you have to be careful in the other projects where you spend the revenue.

This is because of the limited resources and time, that the project has from the start and also because you should not spend valuable resources on teams and equipment who might not even be available when you are envisioning the work to be done. So, you should always schedule ahead and clarify/ confirm the dates with all of the team members before spending all of the revenue on an empty room full of resources but no manpower.

Project Management is an amazing field of work as it has a number of different project management tools and techniques which let you effectively analyze and control your project as you want while keeping a keen eye on multiple dependencies and key factors to get the desired results that will benefit your business and impact your business metrics.

Project management tools and techniques define the workflow and how the project will take shape but it's always up to the tools to execute those techniques and help you get those sweet results. So, get to exploring and find the right tools and techniques to benefit your project.

2. **Find any example of a real project. Feel free to use projects in the media (such as the websites, 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 project manager and sponsor. Also describe whether project was a success, and why.
Include at least one reference and cite it on the last page.

Answer:

The example used in this exercise is Manhwa Project on animegogo. This is a project aims to upgrade all the anime and also add the manhwa feature in the website. Form which user can read manga and manhwa form that website.

The project scope

This project includes mainly 9 items.

1. This project adds 1000+ Korean raw manhwa in the website.
2. This website will upload 100 episodes of all those manhwa in one day.
3. Daily update and weeking anime update.
4. There will be some advertisement
5. Search feature
6. Login with Facebook
7. Review option
8. Comment option
9. Download option
10. Donation
11. Recommendation through user reading and watching experience

The project cost

The total cost of this project is 1.23 million Chinese Yuan, the portion for local currency is around 1 million Chinese Yuan, and for the foreign currency portion is 1.6 million Chinese Yuan.

The project time schedule

The estimate development length is 9 months. From January 2019 to October 2019.

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 1.23 million Chinese Yuan, and actually cost is 2 million Chinese Yuan. And expect finish date is October 2019, but actually finish date is September 2019. 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.

quality,
- User friendy
- 1 month free trial
- Login review download option

Resources
- Manga
- Anime
- manhwa

risks
- other pirate website
- multiple free trial through differnet new account
- low server
- banned due to adult content

this project was the huge success, In the first month, the website get 700k active user with premium package. The website start getting profit from the 4th month. Due to some problem, this website is banned in different country. Due to low fee for package in compare to other website, this website become more popular in short time. The new project has been made. the application of this website will be launch in 2021 which will be free of cost in play store. Therefore this project was huge success.

3. **Summarize the three-sphere model for systems management in your own words. Then use your own project experience or interview someone who recently completed an IT project, and**

list several business, technology and organizational issues addressed during the project. Which issues where most important to the project and why? Summarize your answers in a short paper.
Answer:

Three-Sphere model for systems management provides a sample of business, organizational, and technological issues that could be factors in the tablet project. In this case, technological issues, though not simple by any means, are probably the least difficult to identify and resolve. However, projects must address issues in all three spheres of the systems management model. Although it is easier to focus on the immediate and sometimes narrow concerns of a particular project, project managers and other staff must recognize the effects of any project on the interests and needs of the entire system or organization. The college president and senior administrators, in particular, will focus on whether the tablet project adds value to the college as a whole.

Many IT professionals become captivated with the technology and day-to-day problem solving involved in working with information systems. They tend to become frustrated with many of the "people problems" or politics involved in most organizations. In addition, many IT professionals ignore important business questions, such as "Does it make financial sense to pursue this new technology?" or "Should the company develop this software in-house or purchase it off the shelf?" Using a more holistic approach helps project managers integrate business and organizational issues into their planning. It also helps them look at projects as a series of interrelated phases. When you integrate business and organizational issues into project management planning and look at projects as a series of interrelated phases, you do a better job of ensuring project success.

The organizational issues are the most important and also most difficult issues to work on and plays an important role in managing projects. The people in the organization and other people involved in the project called the stakeholders should come to a definite understanding and work together and spend enough time with the project managers for the project to go on smoothly and meet the requirements and deadlines of the project. The project managers should work according to the political context and culture of the organization.

The technology issues concentrate on the kind of the technology should be adopted and weather it is accepted with the stakeholders and that technology

adopted is familiar with the team members or they are need to be trained. Is the present hardware and software being compatible with the technology or they are to be changed? And the way they impact internet access and LAN.

My experience of completing an information technology project has the business issues like making the survey about the feasibility of the new project execution. We arranged weekly meetings with all the stakeholders about the future course of the task.

In my experience I find organizational issues are the most important ones during the project as these issues keep tracking on the various key issues of the project like the technology adopted, selecting and training the team and selecting the hardware and software requirements that support the new system.

Every project is different and unique – however projects that fail usually do so as a result of similar types of problems. Finding examples of failed projects is not difficult, but making a fair assessment of the issues that caused failure may not be quite as easy. Projects can be completed on time and within budget and still fail – if a project does not deliver the expected results and quality, it can hardly be judged as successful. We're taking a look at the ten most common problems that derail projects. The single most important project management skill is communication. In order to keep focus, control and direction, there need to be regular, clear communication. Each team member needs to know what is expected of them. It is the responsibility of the Project Manager to provide that information at each key step of the project. Project managers having difficulty with this should focus on developing their written and oral communication skills. Timely communication maintains the morale of the team by providing feedback between upper management and team leaders. Important meetings and events should be scheduled in advances to keep everyone on the same page.