



PROJECT MANAGEMENT (PTM721S):

GROUP ASSIGNMENT FOR PROJECT MANAGEMENT FOR IT PROJECTS -

PROJECT DESCRIPTION:

The purpose of this class project is to help you practice and develop the project management skills learned from this course. Several of the tasks you will be performing involve using templates that are available in the notes.

This is **STRICTLY a group assignment**, with each group comprising maximum **5 students**. **Minimum 4 students.**

NB* No individual Projects will be marked adhere to this instruction.

Submission date is 27th of October 2022.

An Application of the Project Management Framework should be followed in carrying out the team project.

The result of this is a comprehensive Project Management document which top management can reference and should therefore show all the project management processes step by step. There will be group presentations at the end. Therefore, marks will be allocated for both the document and the presentation. Thus, the difference in the mark allocation between any two members of the same group will be in the presentations.

Below is a list of topics that you should choose from. Should you identify a topic that is not on this list as a group, you should obtain approval from the course coordinator. This is to avoid people copying from any previous work done. Once you select a topic, please register it with your course tutor. The selection will be on a first-come, first-serve basis.

1. ***Company overview:*** PELHAM is a full-service financial institution that offers a wide array of personal and business accounts, ranging from savings and checking accounts, to loans, mortgages, merchant services, consumer credit cards, and much more.

Project: Your team must build a database for tracking member feedback on applications and analytics projects that will allow PELHAM to better serve their customers.

2. **Company overview:** WALMART is an American multinational retail corporation that runs chains of large discount department stores and warehouse stores. The company is the world's third largest public corporation, according to the Fortune Global 500 list in 2012, the biggest private employer in the world with over two million employees, and is the largest retailer in the world.

Project: Your team is required to create a website that supported their use and administration of talent resources.

3. **Company overview:** **Hope Village** inspires, empowers, and transforms families, youth serving organizations (schools, parks and recreation departments, etc.) and entire communities to create an environment where all children experience success.

Project: Your team must create an interactive and content rich website that supports students in to be a part of a virtual community.

4. **Company overview:** NUST is Namibia's only University of Science and Technology. Several Campuses are spread out, however not to all parts of the country. **COLL** the centre responsible for students distance learning is tasked to improve on their delivery of tutorials to distance students. During semester breaks distance students are mandated to come to Windhoek for face to face tutorials. Due to many other reasons not many are able to come.

Project: Your team is required to work on a project that can improve the online delivery of distance courses. Your project should include Virtual presence technologies which may allow live broadcasts of lectures for distance students.

5. **Company overview:** ECN is Namibia's Electoral Commission a body tasked with smooth handling of the country's elections from regional to National elections. To deliver free, fair and credible elections, managed in a transparent, innovative and participatory manner to strengthen democracy in Namibia.

Project: Your team is required to work on a project that can improve their network infrastructure, creating a Private network that can allow all command centres in the various 14 regions to be connected and transmit to their National Command centre in Windhoek during any election.

6. **Company overview:** **Ministry of health and Social** services in the Ministry mandated to provide healthcare services to community members. The Ministry is responsible for the development and implementation of healthcare policies and regulations to guide and manage healthcare facility in the country.

Project: At the moment the Ministry is challenged with delivering efficient and effective healthcare services to citizens. One of the main challenges it faces is the increase in patient's data and yet no proper patient records management system. As Group your team is tasked to develop the first version of the patient record management system.

7. **Company overview:** **Namibia Airport of Companies** have been trying to expand and upgrade Hosea Kutako International Airport. This was driven by the need to have safe and convenient place of landing which can be used to represent Namibia internationally and locally.

Project: Your team is required to design enterprise architecture plan for this project. In your detailed architect design include components of the business, information, application and technology architecture.

8. **Company overview: Rhino poaching is increasing in Etosha National Park.** The Ministry of Environment and tourism have tried many efforts to combat Rhino Poaching in the country. However what they lack is the proper educational website where they can educate the general public why the need to protect our Rhinos and what are the implications for those found guilty of these crimes.

Project: As a team of website developers develop for the ministry an educational website that they can use to reach out to community members... take note your website is an educational website and thus must include all the necessary educational content

9. **Company overview: The government have implemented the food bank scheme.** At the moment the project is working but encountering logistics challenges. These challenges have contributed to the mismanagement as well as misallocation of foods to the elderly.

Project: As IT students develop stock control system that will enable the foodbank to keep track of the stock, and flow of foods. Management should be able to know how much is in the warehouse, how food moved out (to whom it was given).

10. **Company overview: Ministry of Home Affair and Immigration Border Management System**

Project: As IT students develop a Border Management System that will be able to allow Batswana and Namibians to seamlessly cross into each others countries using National IDs of each country. System must interface with the other current Border Control Systems.

11. **Company overview: CRAN – Communications Regulatory Authority of Namibia**

Project: The government has gazette a bill that will prohibit mobile telecommunications companies to allow unregistered Sim cards to be used. The infrastructure of Telecoms will have to be shared and databases of all registered users . You are requested to develop a Centralized databases that will harness information of all registered users for all the mobile telecoms companies in Namibia.

12. **Company overview: – City Of Windhoek - Smart City**

Project: The City of Windhoek would like to be classified as a smart city by 2030. One of the Projects Prioritized is allowing Residents to have free Wi-Fi- connection in the CBD. This would include rolling out Optic fiber connections within the CBD and surrounding areas. You are tasked with spearheading this Project for the City of Windhoek.

13. **Company overview: – First Capital Bank (FCB) Namibia**

Project: A new bank FCB is set to operate in Namibia. Your company IBEX Connections has been awarded a Tender to develop the Network infrastructure of the Bank. The bank will initially have 2 branches in Windhoek. You are required to develop the Network Infrastructure that will allow the bank to start operating.