Summary Description: Learning from a Project Management Workshop

Tags: project management

Why I did this: The UofA Engineering Students’ Society was sponsoring a project management workshop, presented by coRoc Solutions, so I figured it would be a good learning session to aid my professional career.

(summary pic of system)

Lessons Learned:

Some of the information was tailored around profiling personalizations so as to better work with the people who fit those personalities, but I was more interested in what project management tools we could use. The workshop provided a word template for a general project management charter, but also mentioned other software tools:

* ClickUp: an online project management tool, which I believe is good for analysing task statistics for a given project. (free? Freemium?)
* Microsoft Project: I believe this is a basic tool, it has Gantt chart abilities, but not sure of its limits or cost. (not free?)
* Rocketlane: Recommended by a guest speaker of the workshop, it is apparently a simple project management that is full of tools and templates. (free trial only?)
* Azure DevOps (GitHub DevOps): Apparently quite good for software developers (like me) since they contain tools for them, like pipelines, repos, planning boards; I’ve use plain GitHub for its project board, wiki, and Actions, so I’m not sure how Azure is much different from it.

The workshop also made me consider past university courses taken that emphasize the use of requirements documents, vision documents, stakeholder considerations, and weekly reports; (along with the previously mentioned GitHub project tools); and safety related considerations like management of change process and risk matrices (tasks measured with ‘probabilities vs consequences’). Also, it made me think of a past work role that used the Operations Integrity Management System (OIMS) (by Imperial Oil), which is like a project management system but on a large company size scale; it is a very detailed tool that can lay out considerations for many aspects of running an operation safely (see the References link for details of the OIMS 11-part system).

During the workshop we went through a couple scenarios that detailed the layout of the project management template provided. I have linked that here:

<https://drive.google.com/drive/folders/1cCMx-gZYWsmUpDNaEpqfdQWzldLExf6-?usp=sharing>

References:

Engineering Students’ Society: https://www.essualberta.ca/

coRoc Solutions: https://www.corocsolutions.com/

OIMS by Imperial Oil: https://www.imperialoil.ca/-/media/imperial/files/operations-integrity-management-system.pdf

ClickUP: <https://clickup.com/>

Rocketlane: <https://rocketlane.com/>

MS Project: <https://www.microsoft.com/en-ca/microsoft-365/project/compare-microsoft-project-management-software>

Azure DevOps: https://azure.microsoft.com/en-ca/products/devops