Project Management Portfolio





Hello!

I am Marwan Shehata

I am here to tell that I love the teams I work with!

You can find me at <u>@MarwanShehata</u>



Summary

- I worked under an agile management environment, where speed and flexibility are the norm.
- Defined project requirements, targets and deadlines.
- Created and analyzed market surveys to gather data and presenting it to the owner.
- Tracked projects plan status.
- Worked with and managed external suppliers, and conducted DFM reviews

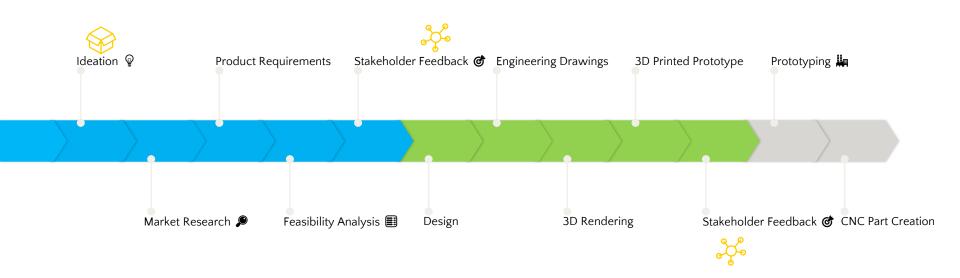
- Utilized the best practices in designing custom machinery.
- Designed a proper PDM Workflow that works under the organization's policies while Identifying and implementing efficiency improvements.
- Improving meta-data configurations in PDM.
- Troubleshooting problem files and tasks.
 Assisting other colleagues in Solidworks/
 Solidworks PDM work

If you want any more details, please, don't hesitate to reach out!

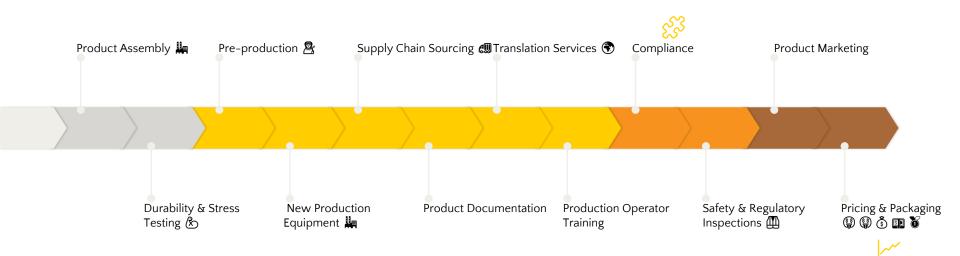
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Product Development Process

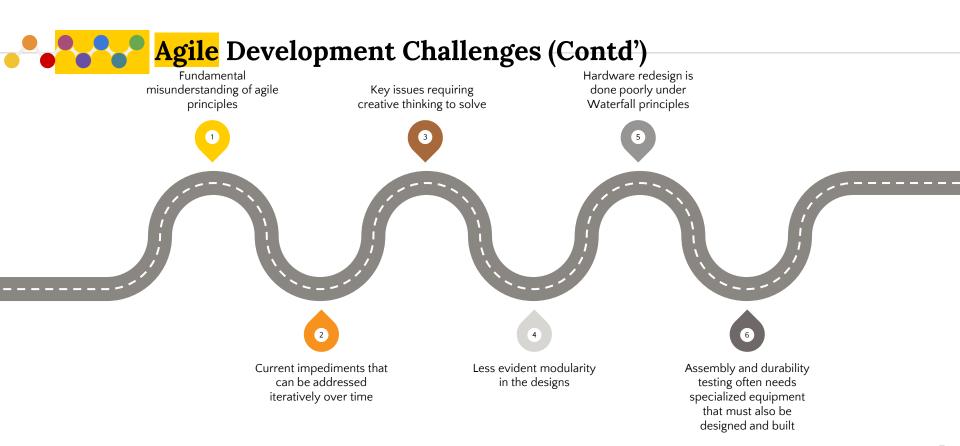


Product Development Process (Cont'd)



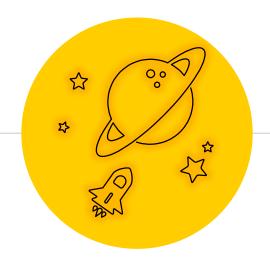


- Due to prototyping and incremental development being slower and resource heavier.
- Agility in hardware development is affected by product maturity – in the early concept phases, the ability to make changes is high, while in later stages, it is arduous due to more documentation and set supplier contracts.



"Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning."

Albert Einstein

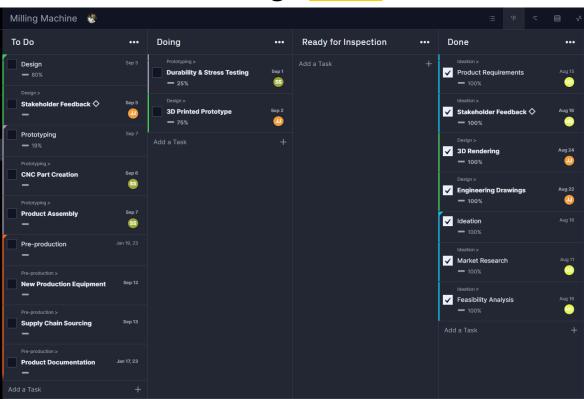


Agile is efficient!

It creates a unique work culture that helps to increase team morale

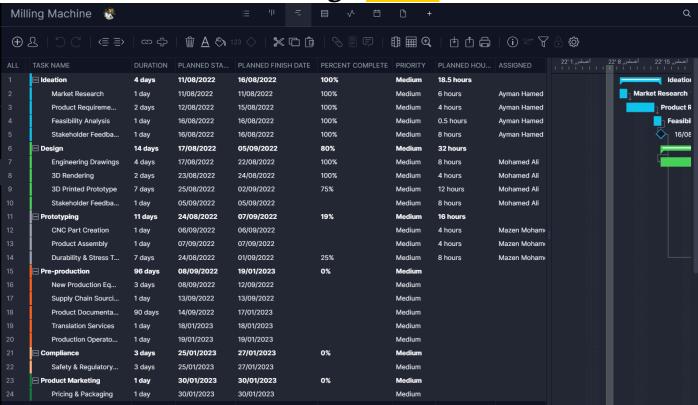


Overall mechanical design board

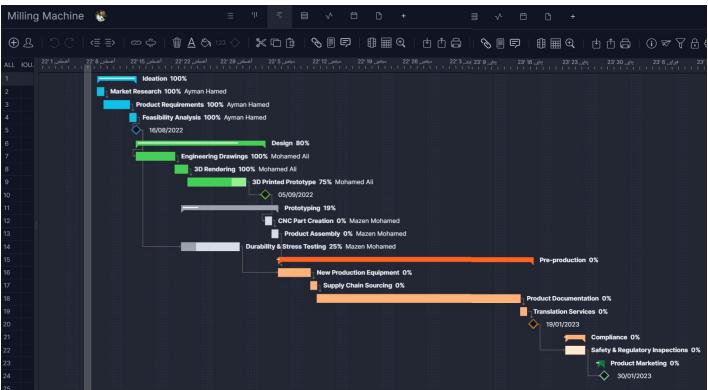




Overall mechanical design board



Gantt chart



"In any given moment we have two options: to step forward into growth or to step back into safety."

Abraham Maslow



PDM Workflow

Designed & implemented different workflows for different scenarios.



Improvements ahead!

I made the design process much easier, along with macros and SolidWorks Task Scheduler.



A glimpse of what I've achieved

- Simple yet effective workflow that goes with the company's standards
- Automating P/N changes on drawings in Solidworks and Solidworks PDM
- Manage the SolidWorks Toolbox.



PDM workflow scenario

