

Unit 7 Reflection

In this unit, I looked at the link between managing project risk and the need for project planning using different models such as COCOMO (Constructive Cost Model) which is based on the number of lines of code in a project, function points estimation which does not consider lines of code but rather “functions”, the role of expert judgement, Gantt charts, Critical Path Method (CPM), Program Evaluation and Review Technique (PERT) and the Risk Management Process (RMP). It is important that project managers leverage the correct tools to aid their estimation planning and management of project risk since every project contains an element of risk (Aibinu and Venkatesh, 2014). The types of risks are scheduling, cost and performance (Nayak and DasMohapatra, 2020) which are each driven by various challenges, needs and shortcomings. Risk management has a direct impact of on an organisation’s performance and if managed correctly, can positively contribute to a project’s success.

I made contributions to this unit’s collaborative discussion and was challenged to think about the impact brand loyalty plays in a user’s experience of a product. This was followed by another contribution that highlighted a quote by Simon Sinek (2011) that “people don’t buy what you do, they buy why you do it.” This statement made me consider how I can leverage that information for my employer(s) to create positive *why* experiences for their customers.

This unit the team started the implementation project. We discussed the customer’s project requirements and agreed that the most likely output is an Android handheld application, given that it ticked several customer requirements. We considered various aspects of the application such as the data storage, the basic game mechanism and type of display content. The team has experienced Android developers and agreed it was prudent to allow two members to develop the software given their past and current experience.

References

- Aibinu, A. & Venkatesh, S. (2014). Status of BIM adoption and the BIM experience of cost consultants in Australia. *Journal of Professional Issues in Engineering Education and Practice*, 140(3), p.04013021.
- Nayak, M.K. & DasMohapatra, A.K., 2020. Innovative and Dynamic Ways to Manage the Risks of IT Projects. *International Journal of Management (IJM)*, 11(11).
- Sinek, S. (2011) How great leaders inspire action. Available from: <https://www.youtube.com/watch?v=qp0HIF3Sfl4> [Accessed 19 May 2022]