

Instructions to complete

(Task Prioritization to maximum business value addition)

Agile Software Development

Introduction

This exercise aims at introducing the agile methodology and its core concept of team building and the core principle of value-based prioritization through a gamified fun activity.

We will simulate a software development project employing the Scrum (agile) methodology and will learn working in teams and task prioritization for achieving maximum business value addition.

Context:

Your team has been tasked to build an information system (software application) using the agile methodology of Scrum.

You team has identified Three (3) Personas and Sixteen (16) User Stories (given in the task_BVA.xls file) and the Budget (column D) to implement each story into a software feature.

Since Task prioritization is a key concept in Scrum so your team is supposed to prioritize the tasks and the main criterion is that your total budget for the tasks/stories should not increase 2500\$ and it should pick those tasks/stories that would have maximum value addition (So criterion for task prioritization is Value Addition)

What is Value Addition?

Suppose you spend the entire software for 2500\$ and it sells for 5000\$ then the Value Addition is 2500\$.

Now apply this principle of value addition to each user story/task so if it cost you 100\$ to implement a story and you estimate its value in the final software is 500\$ then the value addition for this story/task is 400\$

Your team's success will be measured based on the total added value of the system you built calculated based on the added value of each feature and it will be revealed at the end of the task by **expanding columns G and H of task_BVA.xlsx**