Critical thinking, design thinking, leadership and teamwork

Topic name- exploring solution space (CK Theory)

Task 03- product configurator tool-flowchart

1. Product configurator tool-

SAP Variant configurator

Product e.g. Customizable bicycles (e.g. trek, specialized)

Allows users to select frame size, color, gears, and accessories

1. Flowchart- SAP variant configurator for bicycles

Key steps in flowchart

User input (select product type- mountain/bike bike)

Configuration options (frame material-carbon/aluminium and wheel size- 26’’/29’’)

Constraints engine (SAP system validates compatibility)

Price calculation (dynamic price based on selection)

Output (generate bill and order summary)

Link for flowchart- https://lucid.app/lucidchart/aca28c0b-146e-416d-95f2-2cb4cea21173/edit?viewport\_loc=-11%2C-1255%2C1479%2C671%2C0\_0&invitationId=inv\_e6d6b5e0-bfca-4f2a-90dc-e4fc5a9c1868

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