

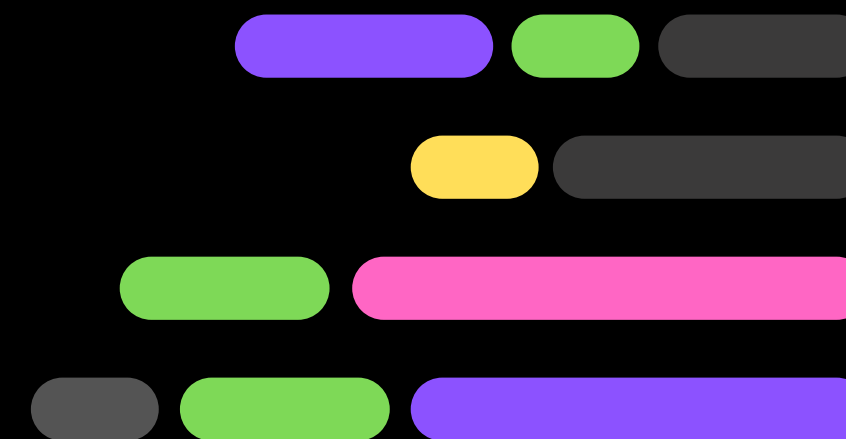


INFO5100 Final Project

{Workflow System}

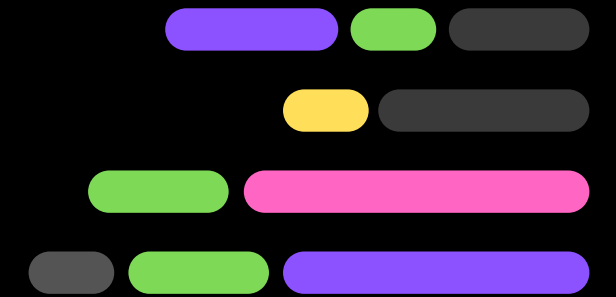
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CATALOG



01

Problem
Statement

02

UML
Class Diagram

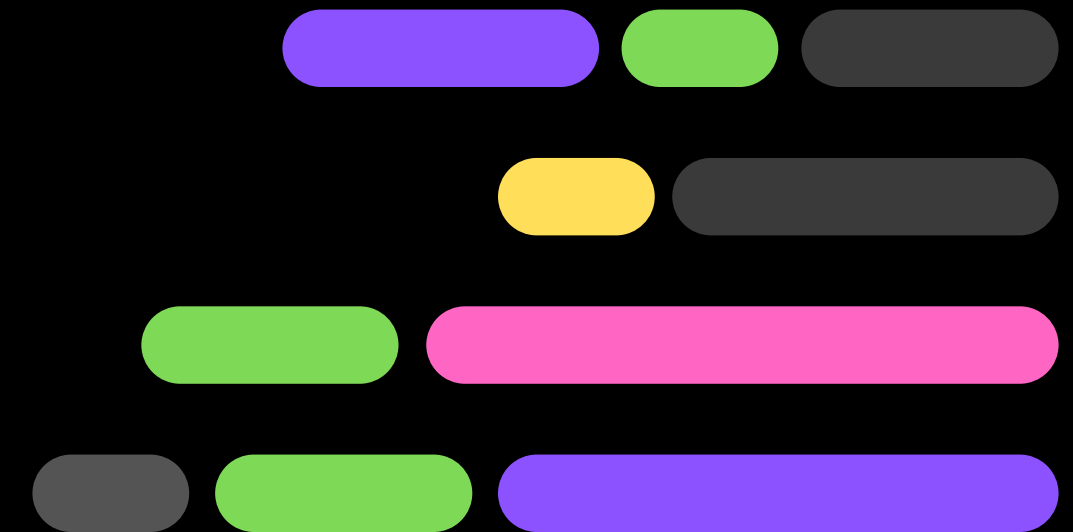
03

Advanced feature
introduction



01

Problem Statement



Challenges in Collaboration Across Organizations

- Developing and selling new products requires collaboration among various organizations.
- Lack of a comprehensive workflow system leads to excessive time spent on communication and task assignments.
- Delays in time-to-market result in negative impacts on company revenue performance



01

Problem Statement



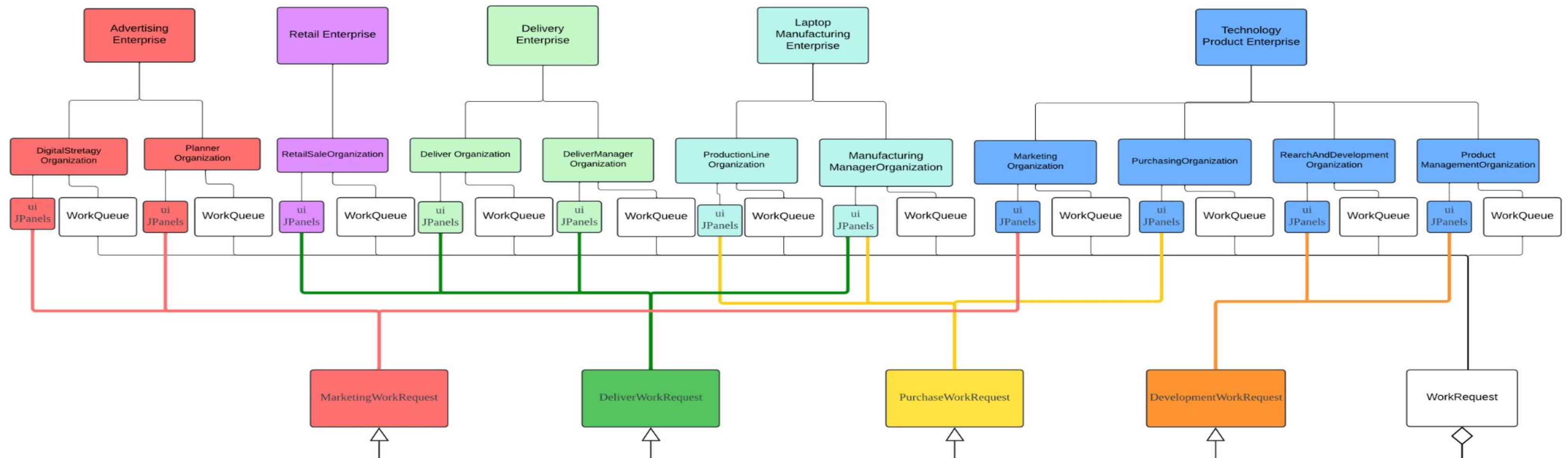
Case Study: High-Tech Laptop Development

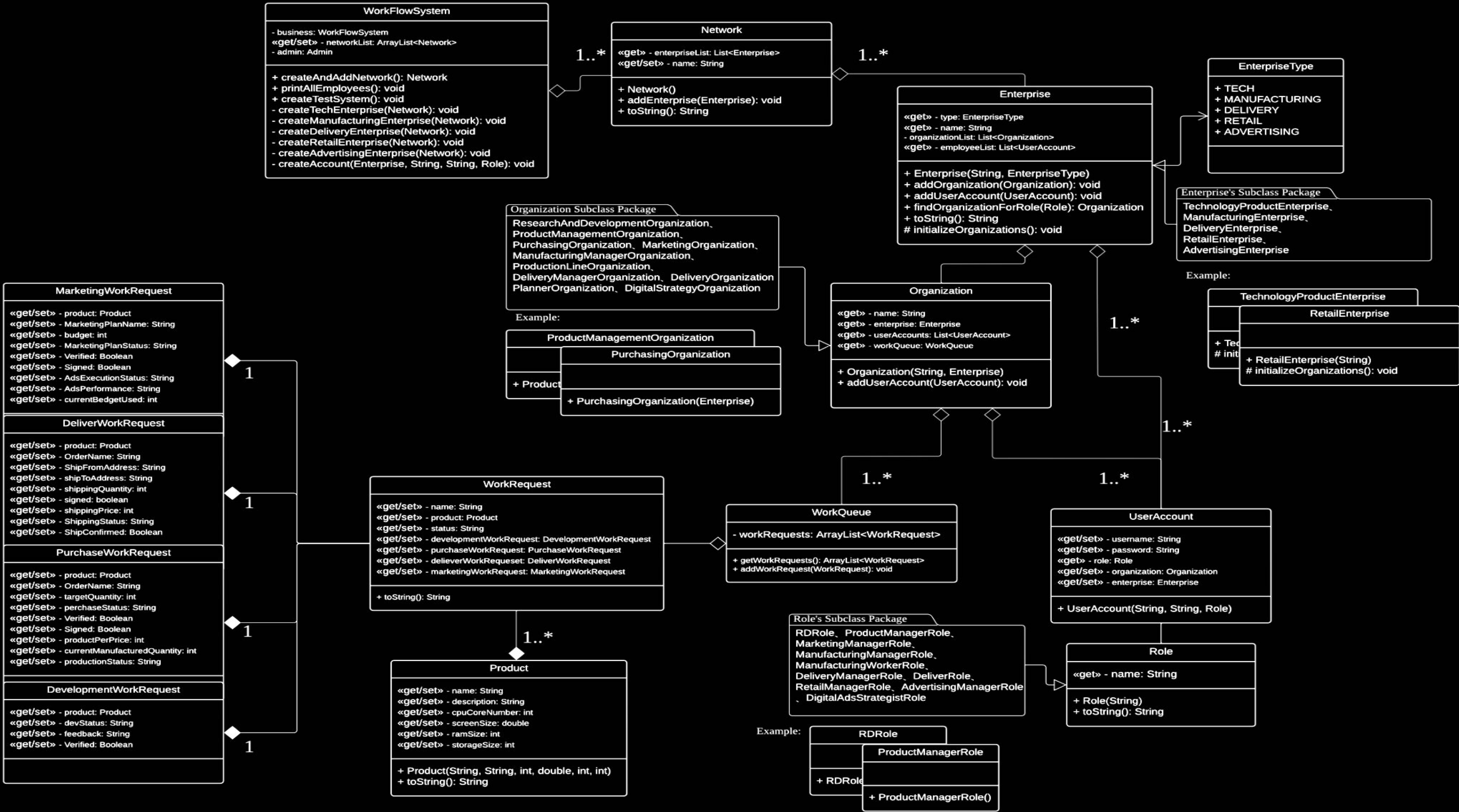
- A high-tech company is developing a new technology laptop.
- Successful product manufacturing, production, and marketing require collaboration with multiple enterprises.
- The company needs a system to optimize collaboration processes among employees across organizations.

02

UML Class Diagram

RelationShip Between WorkReqeusts and Organizations

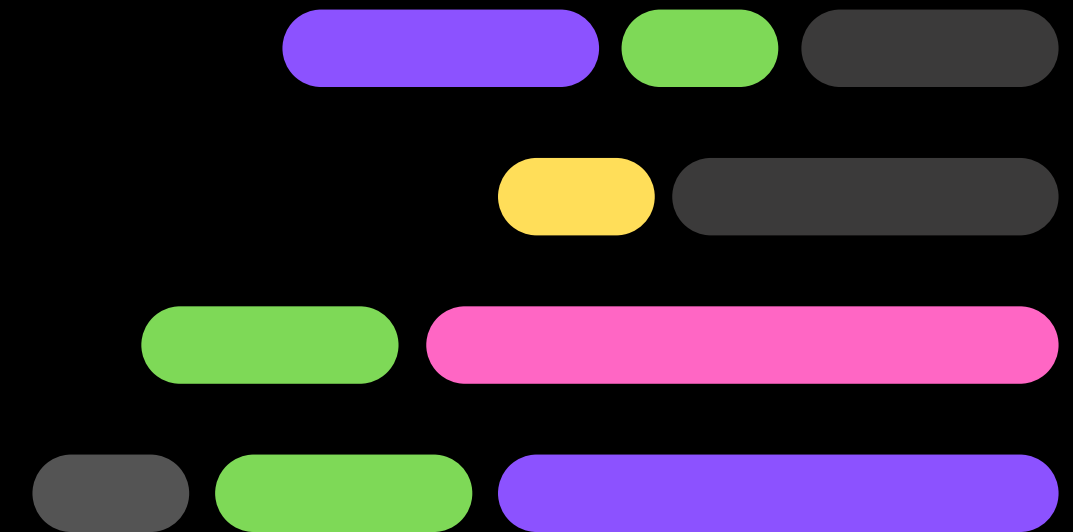






03

Advanced Features



1. Cross-Organizational and Enterprise Collaboration

Features:

- Uses WorkRequest to manage workflows across organizations.
- Each phase is verified by a specific role.
- Only verified requests move to the next stage.

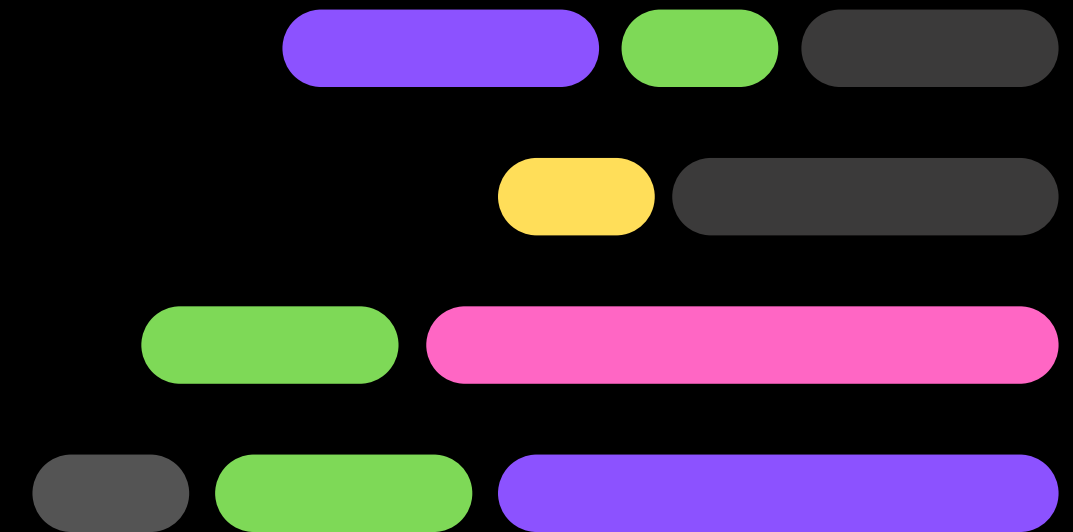
Value:

- Enables seamless cross-department collaboration.
- Ensures quality and accountability at each stage.
- Improves workflow transparency and traceability.



03

Advanced Features



2. Dynamic Role-Based Task Allocation

Features:

- Roles have specific responsibilities:
- PM Role: Validates development requests.
- Purchase Manager: Creates purchase requests and orders.
- Manufacturing Manager: Provides quotes.
- Clear, non-overlapping role-based tasks.

Value:

- Enhances security and modularity.
- Ensures tasks are completed by experts.



THANK YOU
FOR YOUR ATTENTION !

