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Product Lifecycle Management System

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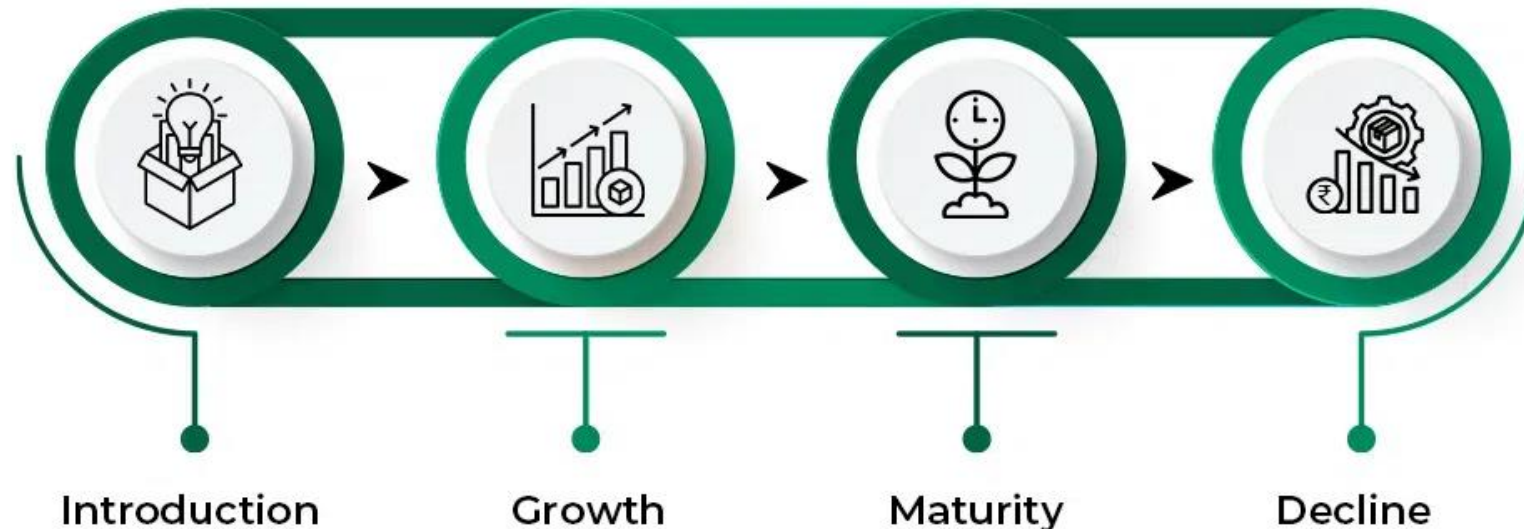
OBJECTIVE

To provide a comprehensive solution for

- Managing,
- Tracking, and
- Analyzing the lifecycle of products, from conception to the end-of-life phase.

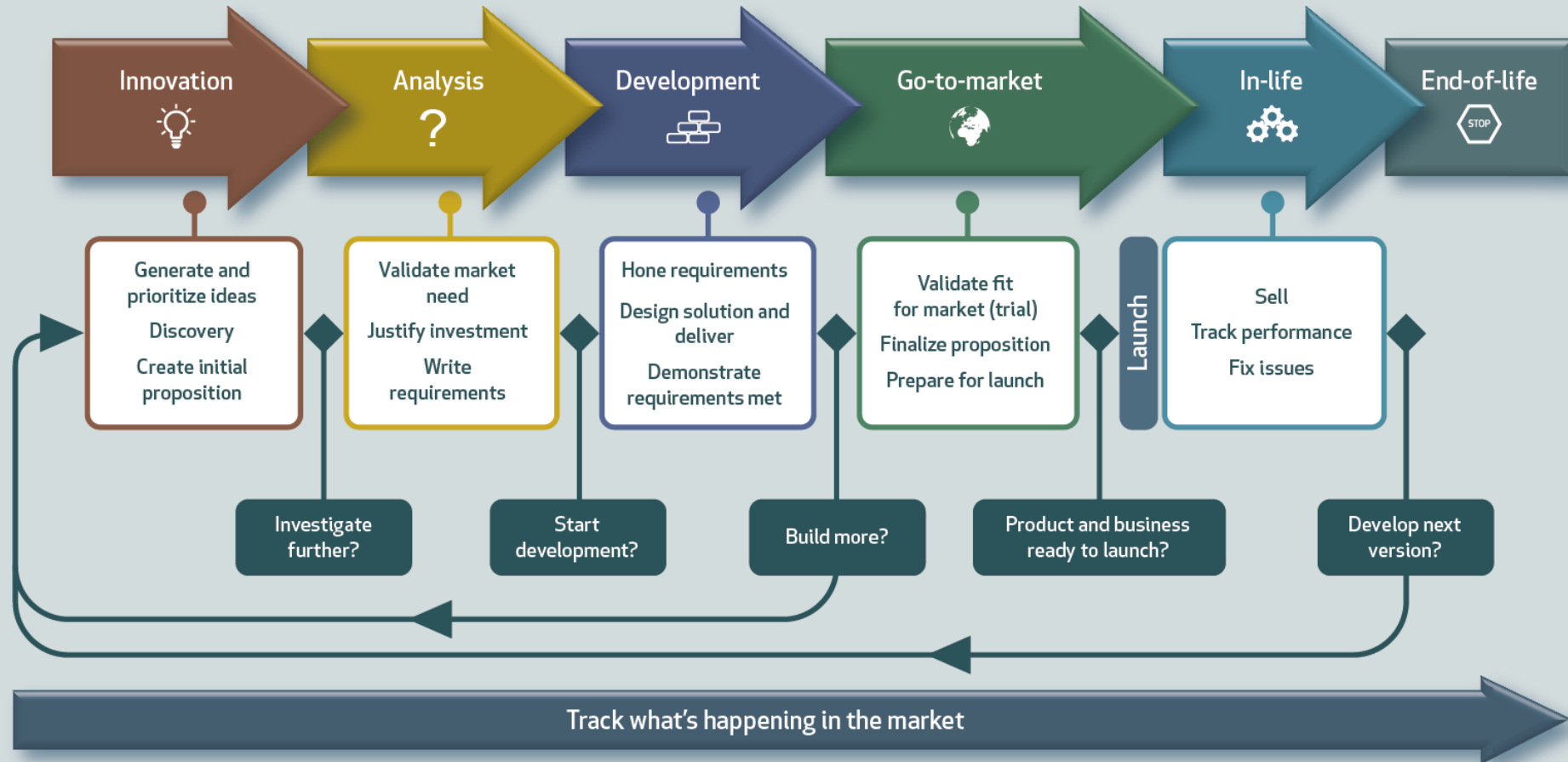
What is PLM?

Product Lifecycle Management is a systematic approach to managing a product's entire lifecycle, from initial concept and design to development, production, marketing, distribution, support, and eventual retirement.



ILLUSTRATIVE EXAMPLE

Product Management Lifecycle



Tech Stack Used

1. Backend:

- Spring Boot
- Spring Security
- Spring Data JPA
- Thymeleaf
- PostgreSQL

2. Frontend:

- HTML
- CSS
- JavaScript
- Bootstrap

3. Build System:

- Maven

LIST OF MODULES

1. **User Management Module:** Handle authentication, role-based access, and user profiles.
2. **Product Management Module:** Manage products and their associated lifecycle stages.
3. **Lifecycle Management Module:** Define and manage the lifecycle stages for products.
4. **Reporting and Analytics Module:** Provide insights into product lifecycle status.
5. **Dashboard Module:** Centralized interface for users and admins.
6. **Security Module:** Ensure system and data security..

Thank You