

# What is Visual Paradigm?

Visual Paradigm is...

**Design and Management Tool for  
Business IT System Development**

What is Visual Paradigm?

Inventory Management System \* - Visual Paradigm

Identify business goals

**Use Case**  
High level business goal to be supported by the system.

**Actor**  
Users (human) or subsystems that will interact with the system to achieve business goals.

**Use Case Diagram**

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Manage use cases

**Track Item**

Details of use case

Well managed use cases

Use Cases

- Print Audit Trail Report  
Inventory Clerk
- Replenish Stock  
Inventory Clerk
- Track Item  
Inventory Clerk

**Track Item**

Info | User Stories | Details | Requirements | Diagrams | Test Plan | References

Rank: Unspecified  
ID: Not yet available  
Justification:  
Primary Actors: Inventory Clerk  
Supporting Actors:  
Description:

☐ Abstract ☐ Leaf ☐ Root

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Model business workflow

Track Item

```
graph LR; Start(( )) --> PrintNote(Print Note); PrintNote --> FindItem(Find Item in Inventory); FindItem --> Found{Found?}; Found -- No --> ReportNotFound(Report Item Not Found); Found -- Yes --> ReportFound(Report Item Found); ReportNotFound --> End1(( )); ReportFound --> End2(( ))
```

Business Process Diagram

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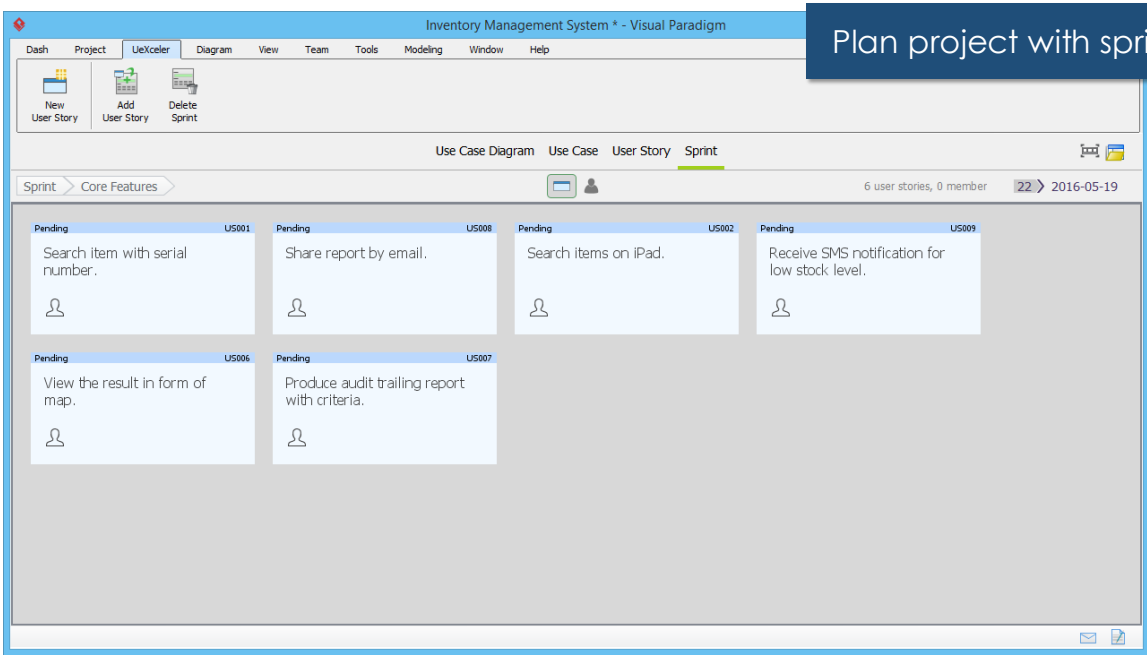
Identify user stories

Track Item

```
graph LR; US001[US001: Search item with serial number.] -.-> FindItem; US002[US002: Search items on iPad.] -.-> FindItem; US003[US003: Search items on Android.] -.-> FindItem; US004[US004: Save the result.] -.-> ReportFound; US005[US005: Re-select recently searched items.] -.-> ReportFound; US006[US006: View the result in form of map.] -.-> ReportFound
```

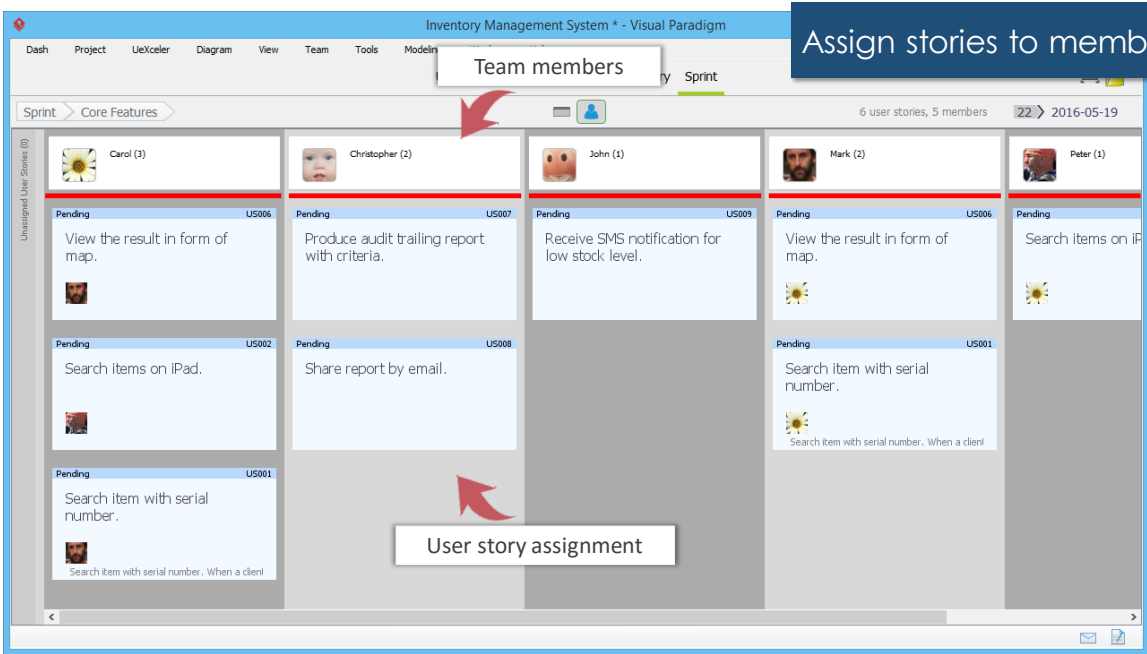
What is Visual Paradigm

What is Visual Paradigm?



Plan project with sprints

What is Visual Paradigm



Assign stories to members

What is Visual Paradigm

What is Visual Paradigm?

Inventory Management System \* - Visual Paradigm

DashProjectUMLcelerDiagramViewTeamToolsModelingWindowHelp

Use Case DiagramUse CaseUser StorySprint

Core FeaturesSearch item with serial number. Pending

ConversationConfirmationScenarioStoryboardDesignReferencesDescription

■ Checking

- Length > 8 and < 15
- No space (space trimmed?)

■ The serial number can be incomplete

■ Abnormal cases:

- Item not found
  - ◆ Item shipped
  - ◆ Invalid code
- Not providing SN (to be handled by inventory clerk)

Clarify what the front-line staffs want by writing conversation items

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Core FeaturesSearch item with serial number. Pending

ConversationConfirmationScenarioStoryboardDesignReferencesDescription

☐ SN with space char in the end is trimmed

☐ Disallow entering an SN with length < 8

☐ Disallow entering an SN with length >= 15

☐ Able to search by entering part of the SN

☐ Warn "This item has been shipped on \${date}" when the item to search was shipped

☐ Warn "Item not exist." when the entered SN is invalid.

Items to be verified when finishing the user story

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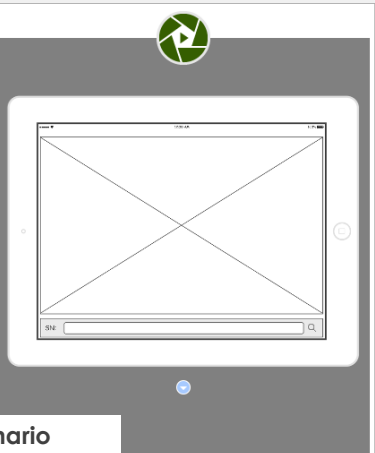
Core FeaturesSearch item with serial number.

Pending

ConversationConfirmationScenario (1)StoryboardDesignReferencesDescription

Scenario

1. Open the **Search** page.  
2. Tab on the **SN** field.  
3. Enter the SN.  
4. Tab the search button.  
5. Display map with indication of item.



Show user the system flow with scenario

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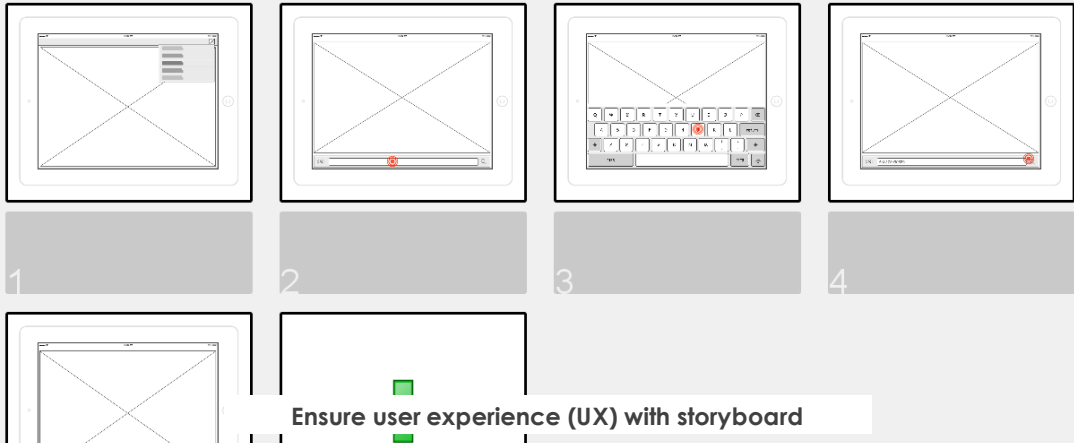
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Use Case DiagramUse CaseUser StorySprint

Search item with serial number. Search Item with SN

Pending

1234



Ensure user experience (UX) with storyboard

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Tasifier

My Tasks

Inbox

Overdue

Tags

Inventory Manage...

Task Pools

Members

Search Item (SN)

New Task

Sort by Priority

Filter

4 active tasks

1 Design item search screen (SN)

2 Design basic search result screen (SN)

3 Implement item search logic

4 Test the item search feature

Mark

Search Item (SN) - Inventory Management System

Implement item search logic

Study the Conversation and Confirmation Items of this user story:  
<https://abc-company.vpository.com/uexceler.jsp#proj=21&user-story=131>

and implement the search logic

(Design will be provided by Carol shortly)

Submitted by Peter.

Peter assigned to Mark.

Peter changed description.

2010-04-19 14:59

2010-04-19 15:00

2010-04-19 15:01

Click here to write a comment

Manage the development activities with Tasifier, a task management tool

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Use Case Diagram

Use Case

User Story

Sprint

User Story

Search item with serial number.

Conversation

Confirmation

Scenario (1)

Storyboard (1)

Design (3)

References

Description

UML diagrams

Entity Relationship Diagram

Domain Model

Search item with serial number.

Design system with different kinds of visual model

What is Visual Paradigm

Visual Paradigm Essential

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