**Actors Prompt:**

An engineer is working on a set of user stories enclosed between triple back ticks.

``` As an Archivist, I want to import Accessions data in CSV.

As an Archivist, I want to specify the Source for a Name Form of an Agent and add new Sources and edit existing Sources.

As an Archivist, I want to create and edit Agent records.

As an Archivist, I want to create and edit a Resource record.

As an Archivist, I want to associate a Subject record with a Resource description.

As an Archivist, I want to assign Location information to a Container.```

He created an initial goal model with the intentional elements enclosed between triple quotes:

‘’’

- 'Actors':

-Archivist

- 'Goals':

-assign operations conducted

-associate operations conducted

-specify operations conducted

-create operations conducted

-import operations conducted

-assign Location information

-create a Resource record

-create Agent records

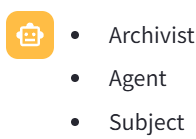
-import Accessions data

-associate a Subject record

-specify the Source

'''

The created model is missing many intentional elements. Let us refine the goal model step by step. First, can you list all 'Actors' for the user stories enclosed between triple back ticks. An initial set of actors are added in the enclosed between triple quotes. You must also identify any missing and implicit actors. It is critical that you answer only as a bulleted list and do not include any explanation.



**Goals**

The initial goal model does not contain all the stakeholder’s objectives or goals that are conveyed in the user stories enclosed between triple back ticks. Identify any goals explicitly mentioned in the user stories enclosed between triple back ticks as well as any implicit goals. It is critical that you answer only as a bulleted list and do not include any explanation.

* Import Accessions data in CSV
* Specify the Source for a Name Form of an Agent and add new Sources and edit existing Sources
* Create and edit Agent records
* Create and edit a Resource record
* Associate a Subject record with a Resource description
* Assign Location information to a Container

**Tasks for Goals**

Please provide a detailed breakdown of tasks for each of the following goals, created in the previous response. It is critical that you answer only as a bulleted list that adheres to the following format.

<a goal>: <a hyphenated list of tasks to achieve the goal>

Do not include any explanation.

* Import Accessions data in CSV:
  + Import CSV file
  + Validate data
  + Update database with imported data
* Specify the Source for a Name Form of an Agent and add new Sources and edit existing Sources:
  + Specify source for Name Form
  + Add new sources
  + Edit existing sources
* Create and edit Agent records:
  + Create new Agent record
  + Edit existing Agent record
* Create and edit a Resource record:
  + Create new Resource record
  + Edit existing Resource record
* Associate a Subject record with a Resource description:
  + Associate Subject record with Resource
  + Update Resource description with Subject association
* Assign Location information to a Container:
  + Assign Location details to Container

**Soft Goals**

Next, there are no soft goals in the initial goal model. Please suggest soft goals. Note you must identify any soft goals explicitly mentioned in the user stories enclosed between triple back ticks as well as any implicit soft goals. It is critical that you answer only as a bulleted list and do not include any explanation.

* Improve data import efficiency
* Enhance user experience in specifying Agent sources
* Ensure user-friendly interface for creating and editing Agent records
* Enhance system usability in creating and editing Resource records
* Improve efficiency in associating Subject records with Resource descriptions
* Enhance user experience in assigning Location information to Containers

**Tasks for Soft Goals**

Next, the initial goal model misses different tasks that can be undertaken to achieve goals and soft goals.

Please provide a detailed breakdown of tasks for each soft goal created in the previous response. You can generate a variable number of tasks for soft goals. It is critical that you answer only as a bulleted list that adheres to the following format.

<a soft goal>: <list of tasks to achieve the soft goal>

Do not include any explanation.

* Improve data import efficiency:
  + Implement batch processing for data import
  + Optimize data validation process
  + Enhance error handling during data import
  + Implement data import progress tracking
* Enhance user experience in specifying Agent sources:
  + Improve user interface for selecting and specifying sources
  + Implement auto-complete feature for quicker source selection
  + Provide tooltips for guidance on specifying Agent sources
* Ensure user-friendly interface for creating and editing Agent records:
  + Streamline Agent record creation form
  + Implement inline editing for quick updates
  + Enhance validation messages for input fields
* Enhance system usability in creating and editing Resource records:
  + Implement drag-and-drop functionality for adding resources
  + Provide templates for common resource types
  + Enhance search functionality for easy retrieval of existing resources
* Improve efficiency in associating Subject records with Resource descriptions:
  + Implement quick linking feature for associating subjects
  + Enable bulk association of subjects with resource descriptions
  + Provide suggestions for relevant subjects during association
* Enhance user experience in assigning Location information to Containers:
  + Implement interactive map interface for location assignment
  + Provide visual representation of container locations
  + Enable batch assignment of locations to multiple containers

**Contribution Links**

The Contributionrelationship statement describes how softgoals, task, believes, or links contribute to the satisficing of another intentional element. The five categories of Contribution Links are enclosed between triple back-ticks symbols.

``` MAKE : The contribution of the contributing element is positive and sufficient. BREAK : The contribution of the contributing element is negative and sufficient. HELP : The contribution of the contributing element is positive but not sufficient. HURT : The contribution of the contributing element is negative but not sufficient. EQUAL : There is equal contribution in both directions. ```

Please suggest different contribution links to link all the intentional elements such as, goals, soft goals, Tasks, and Resources that you identified. Note you must identify any contributions links that explicitly mentioned in the user stories enclosed between triple back ticks as well as any hidden contribution links. It is critical that you answer only as a bulleted list that adheres to the following format.

<Contribution Link Category>::<Source intentional elements> : <Destination intentional elements>

* MAKE::Agent records creation and editing : System usability in creating and editing Resource records
* HELP::Enhancing user experience in specifying Agent sources : Improve efficiency in associating Subject records with Resource descriptions
* BREAK::Improve data import efficiency : Enhance user experience in assigning Location information to Containers
* HELP::Ensure user-friendly interface for creating and editing Agent records : Enhance user experience in specifying Agent sources
* HURT::Enhance system usability in creating and editing Resource records : Improve data import efficiency

**Dependencies Links**

The Dependency statement of GRL describes an intentional relationship between two actors, i.e., one actor (the Depender) depends on another actor (the Dependee) on something (the Dependum). Noite that the dependum is optional.

Please suggest different Dependency links to link all the intentional elements such as, goals, soft goals, Tasks, and Resources that you identified. Note you must identify any Dependency links that explicitly mentioned in the user stories enclosed between triple back ticks as well as any hidden Dependency links. It is critical that you answer only as a bulleted list that adheres to the following format.

<Depender> DEPENDES-ON <Dependee> FOR <Dependum>

* Agent records creation and editing DEPENDS-ON Resource record creation and editing FOR data availability
* Subject records association DEPENDS-ON Resource description creation FOR maintaining relationships
* Location information assignment DEPENDS-ON Container details FOR organizing physical assets

**Resources**

**Not used because Dependum identified in the previous prompt are the resources.**

A resource is an (physical or informational) entity, with which the main concern is whether it is available. The initial goal model with the intentional elements enclosed between triple quotes does not have resources. Identify resources that are explicitly mentioned in the user stories enclosed between triple back ticks as well as any implicit resources. It is critical that you answer only as a bulleted list and do not include any explanation.



**Decomposition Links**

DECOMPOSITON statement provides the ability to define what other elements need to be achieved or available in order for a task to perform. Note that only Task and Goal can be decomposed into goal, task, resource, and softgoal. A Task Decomposition Structure shows the essential components of a task, which include subtasks that must be performed, subgoals that must be achieved, resources that must be accessible, and softgoals that must be satisfied. Similarly, a Goal Decomposition Structure connects a goal with its sub-goals directly, which is a short hand form of one Goal Means\_Ends Structure and the related Task Decomposition Structure.  The three categories of Decomposition Links are enclosed between triple back-tick symbols.

``` AND DECOMPOSITON: The relations between the dependent elements are “AND”. Each of the sub-components are necessary. OR DECOMPOSITON : The relations between the contributing elements are “OR”. Any of the sub-components is sufficient. XOR DECOMPOSITON: The relations between the contributing elements are “XOR”. Either of the sub-components are necessary, but not both. ```

Please suggest different Decomposition links to link all the intentional elements such as, goals, soft goals, Tasks, and Resources that you identified. Note you must identify any Decomposition links that explicitly mentioned in the user stories enclosed between triple back ticks as well as any hidden Decomposition links. It is critical that you answer only as a bulleted list that adheres to the following format.

< Decomposition Type>::<Source intentional elements> : <Destination intentional elements>

* AND DECOMPOSITION::Import Accessions data in CSV : Import CSV file, Validate data, Update database with imported data
* AND DECOMPOSITION::Specify the Source for a Name Form of an Agent and add new Sources and edit existing Sources : Specify source for Name Form, Add new sources, Edit existing sources
* AND DECOMPOSITION::Create and edit Agent records : Create new Agent record, Edit existing Agent record
* AND DECOMPOSITION::Create and edit a Resource record : Create new Resource record, Edit existing Resource record
* AND DECOMPOSITION::Associate a Subject record with a Resource description : Associate Subject record with Resource, Update Resource description with Subject association
* AND DECOMPOSITION::Assign Location information to a Container : Assign Location details to Container

**Generate XML using Fewshot examples:**

Please create an XML that includes all the outputs that you generated so far. An example of the right output is shown between triple back ticks.

```

<?xml version='1.0' encoding='ISO-8859-1'?>

<grl-catalog catalog-name="URNspec" description="" author="vaish">

<element-def>

<intentional-element id="72" name="Car objects" description="" type="Ressource" decompositiontype="And"/>

<intentional-element id="80" name="Easy to use" description="" type="Softgoal" decompositiontype="And"/>

<intentional-element id="82" name="Realistic simulation" description="" type="Softgoal" decompositiontype="And"/>

<intentional-element id="84" name="Simple design" description="" type="Softgoal" decompositiontype="And"/>

<intentional-element id="88" name="Generate cars" description="" type="Goal" decompositiontype="And"/>

<intentional-element id="96" name="Create new cars" description="" type="Task" decompositiontype="And"/>

<intentional-element id="98" name="Keep same cars" description="" type="Task" decompositiontype="And"/>

</element-def>

<link-def>

<contribution name="Contribution105" description="" srcid="96" destid="82" contributiontype="Unknown" quantitativeContribution="0" correlation="false"/>

<contribution name="Contribution106" description="" srcid="96" destid="84" contributiontype="Unknown" quantitativeContribution="0" correlation="false"/>

<decomposition name="Decomposition111" description="" srcid="96" destid="88"/>

<decomposition name="Decomposition114" description="" srcid="98" destid="88"/>

<dependency name="Dependency116" description="" dependerid="88" dependeeid="72"/>

</link-def>

<actor-def>

<actor id="11" name="Traffic Simulator" description=""/>

</actor-def>

<actor-IE-link-def>

<actorContIE actor="11" ie="72"/>

<actorContIE actor="11" ie="80"/>

<actorContIE actor="11" ie="82"/>

<actorContIE actor="11" ie="84"/>

<actorContIE actor="11" ie="88"/>

<actorContIE actor="11" ie="96"/>

<actorContIE actor="11" ie="98"/>

</actor-IE-link-def>

</grl-catalog>

```