**Actors Prompt:**

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

``` As a Platform Administrator, I want to be able to Hide any dataset already added as Public, So that I can maintain Public/Hidden status for other users.

As a Platform Administrator, I want to have a view on all datasets published by all users, So that I can perform management actions on any dataset.

As a Platform Administrator, I want to be able to delete any dataset published, So that I can deal with takedown requests, or clean up test datasets.

As an API User, I want to be able to understand if a user is a Publisher, So that I can offer functionality based on Dataset Publisher privileges.

As an API User, I want to be able to understand if a user is an Administrator, So that I can offer functionality based on Platform Administration privileges.

As an API user, I want to be able to change the colors of the embedded visualisations in my own platform, So that I can customize the visualisations.```

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

‘’’

- 'Actors':

-Platform Administrator

-Data Consuming user

-Data Publishing User

-API user

- 'Goals':

-delete operations conducted

-have operations conducted

-see operations conducted

-share operations conducted

-change operations conducted

-edit operations conducted

-delete any dataset

-have a view

-see textual descriptions

-a view state shared

-the colors changed

-edit the data 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.

* Hide any dataset already added as Public
* Have a view on all datasets published by all users
* Delete any dataset published
* Understand if a user is a Publisher
* Understand if a user is an Administrator
* Change the colors of the embedded visualisations in own platform

**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.

* Hide any dataset already added as Public:
  + Implement a functionality to change dataset status from Public to Hidden
* Have a view on all datasets published by all users:
  + Develop a dashboard to display all published datasets
* Delete any dataset published:
  + Implement a feature to delete datasets
* Understand if a user is a Publisher:
  + Create a user classification system to identify Publishers
* Understand if a user is an Administrator:
  + Establish a user role system to determine Administrator status
* Change the colors of the embedded visualisations in own platform:
  + Allow users to customize colors of visualizations in the platform

**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.

* Maintain Public/Hidden status for other users
* Perform management actions on any dataset
* Deal with takedown requests or clean up test datasets
* Offer functionality based on Dataset Publisher privileges
* Offer functionality based on Platform Administration privileges
* Customize the visualizations

**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.

* Maintain Public/Hidden status for other users:
  + Implement a toggle functionality for dataset visibility
  + Provide an option to change dataset status in the admin panel
* Perform management actions on any dataset:
  + Develop CRUD (Create, Read, Update, Delete) operations for datasets
  + Allow filtering and sorting options for dataset management
* Deal with takedown requests or clean up test datasets:
  + Implement a process for users to request dataset takedown
  + Provide a mechanism to identify and remove test datasets
* Offer functionality based on Dataset Publisher privileges:
  + Implement access control based on Publisher roles
  + Provide specific actions permitted for Dataset Publishers
* Offer functionality based on Platform Administration privileges:
  + Define specific permissions for Platform Administrators
  + Create administrative tools for managing platform settings
* Customize the visualizations:
  + Develop a user-friendly interface to change visualization colors
  + Provide a color palette selection for users to choose from

**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>

* HELP: Platform Administrator : Hide any dataset already added as Public
* HELP: Platform Administrator : Have a view on all datasets published by all users
* MAKE: Platform Administrator : Delete any dataset published
* HELP: API User : Understand if a user is a Publisher
* HELP: API User : Understand if a user is an Administrator
* MAKE: API User : Change the colors of the embedded visualisations in own platform
* MAKE::Assign an Application for Detailed Review : Review the application for compliance and subsequently approve or deny it

**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>

* Platform Administrator DEPENDS-ON API User FOR understanding if a user is a Publisher
* Platform Administrator DEPENDS-ON API User FOR understanding if a user is an Administrator
* API User DEPENDS-ON Platform Administrator FOR changing the colors of the embedded visualisations in own platform

**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: Task : Hide any dataset already added as Public : Implement a toggle functionality for dataset visibility AND Provide an option to change dataset status in the admin panel*
* *AND DECOMPOSITION: Task : Have a view on all datasets published by all users : Develop a dashboard to display all published datasets AND Allow filtering and sorting options for dataset management*
* *AND DECOMPOSITION: Task : Delete any dataset published : Develop CRUD (Create, Read, Update, Delete) operations for datasets AND Implement a process to verify and confirm dataset deletion requests*
* *AND DECOMPOSITION: Task : Understand if a user is a Publisher : Create a user classification system to identify Publishers AND Define specific actions permitted for Dataset Publishers*
* *AND DECOMPOSITION: Task : Understand if a user is an Administrator : Establish a user role system to determine Administrator status AND Create administrative tools for managing platform settings*
* *AND DECOMPOSITION: Task : Change the colors of the embedded visualisations in own platform : Develop a user-friendly interface to change visualization colors AND Provide a color palette selection for users to choose from*

**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>

```