**Actors Prompt:**

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

``` As a trainer, I want to create a new course or event, so that site visitors can see it.

As a trainer, I want to create an Other Course or Event I am charged a listing fee for that activity, so that I don't list events I don't really intend to hold.

As a trainer, I want to update one of my existing courses or events, so that it reflects accurate information.

As a trainer, I want to delete one of my courses or events, so that it's no longer listed if I cancel for some reason.

As a trainer, I want to copy one of my courses or events, so that I can create a new one.

As a trainer, I want to see the upcoming courses are what I want visitors to notice, so that they register and there's a benefit to my membership. ```

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

‘’’

- 'Actors':

-trainer

- 'Goals':

-show operations conducted

-notified operations conducted

-create operations conducted

-load operations conducted

-show my rating

-notified the results

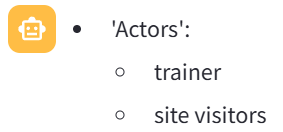
-an Excel file loaded

-create an Other course

-create a new course

'''

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.

* create a new course or event
* charge a listing fee for listing activity
* update existing courses or events
* delete courses or events
* copy existing courses or events
* show upcoming courses for visitors to notice and register
* benefit to membership

**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.

* Create a new course or event:
  + Design course/event content
  + Set up registration process
  + Publish course/event on the platform
* Charge a listing fee for listing activity:
  + Implement payment gateway integration
  + Define listing fee structure
  + Notify trainer of successful listing fee payment
* Update existing courses or events:
  + Edit course/event details
  + Refresh course/event content
  + Notify visitors of updates
* Delete courses or events:
  + Confirm deletion request
  + Remove course/event from listing
  + Notify visitors of deletion
* Copy existing courses or events:
  + Duplicate course/event details
  + Adjust copied course/event information
  + Publish new course/event
* Show upcoming courses for visitors to notice and register:
  + Display upcoming courses/events prominently
  + Highlight key information for each course/event
  + Provide registration links for easy access
* Benefit to membership:
  + Offer exclusive access to certain courses/events
  + Provide discounts on course/event fees for members
  + Send personalized notifications about upcoming events

**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 user engagement with course/event listings
* Ensure accurate and up-to-date course/event information
* Increase membership retention through course/event visibility
* Minimize unnecessary course/event listings
* Enhance user experience in course/event management and registration
* Optimize platform performance for course/event operations

**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 user engagement with course/event listings:
  + Implement interactive features on listing pages
  + Provide user ratings and reviews
  + Offer personalized course/event recommendations
  + Integrate social sharing options
* Ensure accurate and up-to-date course/event information:
  + Implement real-time updating of course/event details
  + Enable version control for changes
  + Notify trainers of required updates
* Increase membership retention through course/event visibility:
  + Highlight member-exclusive courses/events
  + Send targeted email campaigns to members
  + Create loyalty programs for active members
  + Provide early access to new course/event listings
* Minimize unnecessary course/event listings:
  + Implement listing approval process
  + Set expiration dates for listings
  + Allow trainers to mark listings as "inactive"
* Enhance user experience in course/event management and registration:
  + Simplify course/event creation process for trainers
  + Optimize search and filter options for visitors
  + Enable one-click registration for courses/events
* Optimize platform performance for course/event operations:
  + Conduct regular performance testing
  + Implement caching mechanisms for faster loading times
  + Monitor platform uptime and response times
  + Ensure data integrity and security measures are in place

**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::soft goal: Improve user engagement with course/event listings : goal: show upcoming courses for visitors to notice and register
* MAKE::soft goal: Ensure accurate and up-to-date course/event information : goal: update existing courses or events
* HELP::soft goal: Increase membership retention through course/event visibility : goal: benefit to membership
* MAKE::soft goal: Minimize unnecessary course/event listings : goal: delete courses or events
* HELP::soft goal: Enhance user experience in course/event management and registration : goal: create a new course or event
* MAKE::soft goal: Optimize platform performance for course/event operations : goal: show operations conducted
* HURT::goal: charge a listing fee for listing activity : soft goal: Improve user engagement with course/event listings
* MAKE::goal: create a new course or event : task: Design course/event content
* MAKE::goal: charge a listing fee for listing activity : task: Implement payment gateway integration
* HELP::goal: update existing courses or events : task: Edit course/event details
* MAKE::goal: delete courses or events : task: Confirm deletion request
* HELP::goal: copy existing courses or events : task: Duplicate course/event details
* MAKE::goal: show upcoming courses for visitors to notice and register : task: Display upcoming courses/events prominently

**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>

* show upcoming courses for visitors to notice and register DEPENDS-ON site visitors FOR course registration
* create a new course or event DEPENDS-ON trainer FOR course creation
* charge a listing fee for listing activity DEPENDS-ON trainer FOR listing fee payment
* update existing courses or events DEPENDS-ON trainer FOR accurate information update
* delete courses or events DEPENDS-ON trainer FOR removal of listings
* copy existing courses or events DEPENDS-ON trainer FOR course duplication
* benefit to membership DEPENDS-ON site visitors FOR registration benefits

**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: create a new course or event : Subtasks: Design course/event content, Set up registration process, Publish course/event on the platform
* AND DECOMPOSITION::Task: charge a listing fee for listing activity : Subtasks: Implement payment gateway integration, Define listing fee structure, Notify trainer of successful listing fee payment
* AND DECOMPOSITION::Task: update existing courses or events : Subtasks: Edit course/event details, Refresh course/event content, Notify visitors of updates
* AND DECOMPOSITION::Task: delete courses or events : Subtasks: Confirm deletion request, Remove course/event from listing, Notify visitors of deletion
* AND DECOMPOSITION::Task: copy existing courses or events : Subtasks: Duplicate course/event details, Adjust copied course/event information, Publish new course/event
* AND DECOMPOSITION::Task: show upcoming courses for visitors to notice and register : Subtasks: Display upcoming courses/events prominently, Highlight key information for each course/event, Provide registration links for easy access

**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>

```