**Actors Prompt:**

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

``` As a Public User, I want to Search for Information, so that I can obtain publicly available information concerning properties, County services, processes and other general information.

As an Applicant, I want to Request PreApplication Assistance, so that I can receive a response to a request for a meeting or information that is a result of the preapplication assistance.

As a Customer, I want to Create a Customer Portal User Account, so that I can log on to the Customer Portal and perform transactions that first require user authentication.

As a Staff member, I want to Perform a Completeness Review, so that I can validate when an application is complete and eligible for further technical review.

As a Staff member, I want to Record an Internal Note, so that I can share information with other Staff collaborating on the record.

As a Staff member, I want to Assign an Application for Detailed Review, so that I can review the for compliance and subsequently approved or denied. ```

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

‘’’

- 'Actors':

-Staff member

-Applicant

-Customer

- 'Goals':

-remove operations conducted

-apply operations conducted

-record operations conducted

-assign operations conducted

-perform operations conducted

-request operations conducted

-create operations conducted

-a Hold removed

-apply a Hold

-an Internal Note recorded

-assign an Application

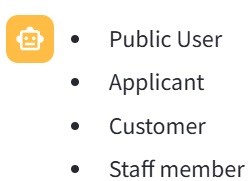
-a Completeness Review performed

-PreApplication Assistance requested

-create a Customer portal User Account

'''

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.

* Search for Information
* Request PreApplication Assistance
* Create a Customer Portal User Account
* Perform a Completeness Review
* Record an Internal Note
* Assign an Application for Detailed Review

**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.

* Search for Information:
  + Enter search query
  + Browse search results
  + View detailed information
* Request PreApplication Assistance:
  + Submit assistance request
  + Receive response
* Create a Customer Portal User Account:
  + Fill out account creation form
  + Verify email address
  + Set up login credentials
* Perform a Completeness Review:
  + Gather application materials
  + Verify completeness
* Record an Internal Note:
  + Write note content
  + Save note in system
* Assign an Application for Detailed Review:
  + Select application for review
  + Initiate detailed review process

**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.

* Obtain publicly available information concerning properties, County services, processes, and other general information
* Receive a response to a request for a meeting or information that is a result of the preapplication assistance
* Log on to the Customer Portal and perform transactions that first require user authentication
* Validate when an application is complete and eligible for further technical review
* Share information with other staff collaborating on the record
* Review the application for compliance and subsequently approve or deny it

**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.

* Obtain publicly available information concerning properties, County services, processes, and other general information:
  + Use search functionality to look for property information
  + Access County services information
  + Explore processes details
  + Browse general information resources
* Receive a response to a request for a meeting or information that is a result of the preapplication assistance:
  + Submit meeting request
  + Provide required information for assistance
  + Check for responses regularly
* Log on to the Customer Portal and perform transactions that first require user authentication:
  + Navigate to the Customer Portal login page
  + Enter username and password
  + Authenticate using two-factor authentication if enabled
  + Access transaction features
* Validate when an application is complete and eligible for further technical review:
  + Collect all required documents
  + Review application materials against checklist
  + Verify completeness based on predefined criteria
* Share information with other staff collaborating on the record:
  + Access internal communication platform
  + Compose and post the internal note
  + Notify relevant staff members about the shared information
* Review the application for compliance and subsequently approve or deny it:
  + Retrieve the assigned application for review
  + Evaluate compliance with regulations and guidelines
  + Make a decision to approve or deny the application

**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::Search for Information : Obtain publicly available information concerning properties, County services, processes, and other general information
* HELP::Request PreApplication Assistance : Receive a response to a request for a meeting or information that is a result of the preapplication assistance
* MAKE::Create a Customer Portal User Account : Log on to the Customer Portal and perform transactions that first require user authentication
* MAKE::Perform a Completeness Review : Validate when an application is complete and eligible for further technical review
* MAKE::Record an Internal Note : Share information with other staff collaborating on the record
* 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>

* Perform a Completeness Review DEPENDS-ON Staff member FOR Application materials
* Record an Internal Note DEPENDS-ON Staff member FOR Information sharing
* Assign an Application for Detailed Review DEPENDS-ON Staff member FOR Compliance evaluation
* Request PreApplication Assistance DEPENDS-ON Applicant FOR Meeting request
* Create a Customer Portal User Account DEPENDS-ON Customer FOR User authentication
* Search for Information DEPENDS-ON Public User FOR Publicly available information

**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::Perform a Completeness Review : Application materials, Compliance guidelines*
* *AND DECOMPOSITION::Record an Internal Note : Information to share, Internal communication platform*
* *AND DECOMPOSITION::Assign an Application for Detailed Review : Compliance checklist, Review decision criteria*
* *AND DECOMPOSITION::Request PreApplication Assistance : Meeting request submission, Information provision*
* *AND DECOMPOSITION::Create a Customer Portal User Account : Account creation form, User authentication process*
* *AND DECOMPOSITION::Search for Information : Search query entry, Browse search results*

**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>

```