**Actors Prompt:**

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

As a research participant, I want to make sure that the appearance of the prototype does not distract from the workflow, so that I can complete the user interview.

As an NSF employee, I want to know how brand guidelines are developed and maintained, so that I can incorporate them throughout the project.

As a team member, I want to have an updated acquisitions roadmap, so that I can plan accordingly.

As an NSF employee, I want to have an updated roadmap document, so that I can see prioritized areas to focus on for the next few months and beyond.

As a workshop attendee, I want to have a summary of what we learned, so that I can understand our next steps and how they apply to me.

As a team member, I want to have an updated acquisitions roadmap, so that I can plan accordingly. ```

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

‘’’

- 'Actors':

-research participant

-NSF employee

-workshop attendee

-researcher

-team member

- 'Goals':

-make operations conducted

-have operations conducted

-recruit operations conducted

-make the prototype

-have an updated roadmap document

-have editorial-planning recommendations

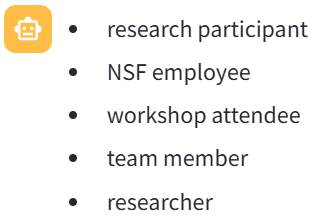
-have a summary

-recruit the last round

-have an updated acquisitions roadmap

'''

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.

* Ensure appearance of the prototype does not distract from the workflow
* Understand how brand guidelines are developed and maintained
* Incorporate brand guidelines throughout the project
* Have an updated acquisitions roadmap
* Plan accordingly based on the acquisitions roadmap
* Have an updated roadmap document showing prioritized areas
* Understand next steps and how they apply
* Have a summary of what was learned
* Recruit for the last round of some unspecified operations
* Make sure operations are conducted
* Have editorial-planning recommendations

**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.

* Ensure appearance of the prototype does not distract from the workflow:
  + Conduct usability testing
  + Gather feedback from users
  + Iterate on design based on feedback
* Understand how brand guidelines are developed and maintained:
  + Research existing brand guidelines
  + Identify key components of brand guidelines
  + Document the process of developing and maintaining brand guidelines
* Incorporate brand guidelines throughout the project:
  + Review project design elements against brand guidelines
  + Make necessary adjustments to align with brand guidelines
  + Seek approval from relevant stakeholders on brand compliance
* Have an updated acquisitions roadmap:
  + Review current acquisitions roadmap
  + Identify areas requiring updates
  + Collaborate with stakeholders to update roadmap
* Plan accordingly based on acquisitions roadmap:
  + Analyze updated acquisitions roadmap
  + Determine resource allocation based on roadmap
  + Communicate plans to relevant team members
* Have an updated roadmap document showing prioritized areas:
  + Review existing roadmap document
  + Consult with stakeholders to prioritize focus areas
  + Update roadmap document with prioritized areas
* Understand next steps and how they apply:
  + Review and summarize key points from recent activities
  + Identify implications of recent activities on future steps
  + Communicate next steps to relevant parties
* Have a summary of what was learned:
  + Consolidate key learnings from workshops or events
  + Organize learnings into a cohesive summary
  + Share the summary with workshop attendees or relevant stakeholders
* Recruit for the last round of some unspecified operations:
  + Define the recruitment criteria
  + Reach out to potential participants
  + Conduct final round of recruitments
* Make sure operations are conducted:
  + Define the operations to be conducted
  + Allocate resources for conducting operations
  + Monitor and ensure successful completion of operations
* Have editorial-planning recommendations:
  + Analyze current editorial planning processes
  + Identify areas for improvement
  + Develop and present recommendations for enhancing editorial planning

**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.

* Ensure prototype aesthetics align with user workflow expectations
* Maintain brand consistency throughout project development
* Improve user engagement with brand guidelines
* Enhance user understanding of the acquisitions roadmap
* Facilitate effective planning based on roadmap updates
* Enhance user comprehension of prioritized project areas
* Improve knowledge retention through effective summarization of learning
* Provide clear and compelling information for the recruitment process
* Ensure operational efficiency and effectiveness
* Enhance editorial planning process

**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.

* Ensure prototype aesthetics align with user workflow expectations:
  + Conduct user feedback sessions on prototype design
  + Implement design modifications based on user feedback
  + Review prototype aesthetics against workflow requirements
* Maintain brand consistency throughout project development:
  + Develop brand style guide for project use
  + Conduct periodic brand compliance checks
  + Provide brand training sessions for project team members
* Improve user engagement with brand guidelines:
  + Create interactive brand guideline resources
  + Gather feedback on brand guideline comprehension
  + Implement strategies to increase user adherence to brand guidelines
* Enhance user understanding of the acquisitions roadmap:
  + Create visual representations of the acquisitions roadmap
  + Organize training sessions on the acquisitions roadmap
  + Provide detailed explanations of roadmap components to users
* Facilitate effective planning based on roadmap updates:
  + Schedule regular reviews of the updated roadmap
  + Align project planning with roadmap milestones
  + Communicate roadmap changes to relevant stakeholders
* Enhance user comprehension of prioritized project areas:
  + Develop user-friendly summaries of prioritized areas
  + Conduct workshops to explain the significance of prioritized areas
  + Engage users in discussions about the impact of prioritized areas
* Improve knowledge retention through effective summarization of learning:
  + Develop concise summaries of learning outcomes
  + Facilitate interactive discussions on key learning points
  + Provide post-event materials for continued learning
* Provide clear and compelling information for the recruitment process:
  + Define clear criteria for recruitment
  + Create engaging recruitment materials
  + Communicate recruitment process details effectively
* Ensure operational efficiency and effectiveness:
  + Conduct operational audits to identify inefficiencies
  + Implement streamlined operational processes
  + Monitor operational performance for continuous improvement
* Enhance editorial planning process:
  + Review current editorial planning workflows
  + Implement tools for better editorial planning
  + Train team members on improved editorial planning techniques

**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::Ensure appearance of the prototype does not distract from the workflow : Ensure prototype aesthetics align with user workflow expectations
* HELP::Maintain brand consistency throughout project development : Improve user engagement with brand guidelines
* HELP::Maintain brand consistency throughout project development : Incorporate brand guidelines throughout the project
* MAKE::Ensure operational efficiency and effectiveness : Ensure operations are conducted
* HELP::Enhance user understanding of the acquisitions roadmap : Have an updated acquisitions roadmap
* HELP::Facilitate effective planning based on roadmap updates : Plan accordingly based on acquisitions roadmap
* MAKE::Enhance user comprehension of prioritized project areas : Have an updated roadmap document showing prioritized areas
* HELP::Improve knowledge retention through effective summarization of learning : Have a summary of what was learned
* MAKE::Provide clear and compelling information for the recruitment process : Recruit for the last round of some unspecified operations
* HELP::Enhance editorial planning process : Have editorial-planning recommendations

**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>

* Research participant DEPENDS-ON NSF employee FOR understanding brand guidelines development and maintenance
* NSF employee DEPENDS-ON team member FOR an updated acquisitions roadmap
* NSF employee DEPENDS-ON team member FOR an updated roadmap document
* Workshop attendee DEPENDS-ON team member FOR a summary of learning
* Team member DEPENDS-ON NSF employee FOR understanding brand guidelines development and maintenance

**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::Ensure appearance of the prototype does not distract from the workflow : Conduct usability testing, Gather feedback from users, Iterate on design based on feedback
* AND DECOMPOSITION::Maintain brand consistency throughout project development : Develop brand style guide for project use, Conduct periodic brand compliance checks, Provide brand training sessions for project team members
* AND DECOMPOSITION::Improve user engagement with brand guidelines : Create interactive brand guideline resources, Gather feedback on brand guideline comprehension, Implement strategies to increase user adherence to brand guidelines
* AND DECOMPOSITION::Enhance user understanding of the acquisitions roadmap : Create visual representations of the acquisitions roadmap, Organize training sessions on the acquisitions roadmap, Provide detailed explanations of roadmap components to users
* AND DECOMPOSITION::Facilitate effective planning based on roadmap updates : Schedule regular reviews of the updated roadmap, Align project planning with roadmap milestones, Communicate roadmap changes to relevant stakeholders
* AND DECOMPOSITION::Enhance user comprehension of prioritized project areas : Develop user-friendly summaries of prioritized areas, Conduct workshops to explain the significance of prioritized areas, Engage users in discussions about the impact of prioritized areas
* AND DECOMPOSITION::Improve knowledge retention through effective summarization of learning : Develop concise summaries of learning outcomes, Facilitate interactive discussions on key learning points, Provide post-event materials for continued learning
* AND DECOMPOSITION::Provide clear and compelling information for the recruitment process : Define clear criteria for recruitment, Create engaging recruitment materials, Communicate recruitment process details effectively
* AND DECOMPOSITION::Ensure operational efficiency and effectiveness : Conduct operational audits to identify inefficiencies, Implement streamlined operational processes, Monitor operational performance for continuous improvement
* AND DECOMPOSITION::Enhance editorial planning process : Review current editorial planning workflows, Implement tools for better editorial planning, Train team members on improved editorial planning techniques

**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>

```