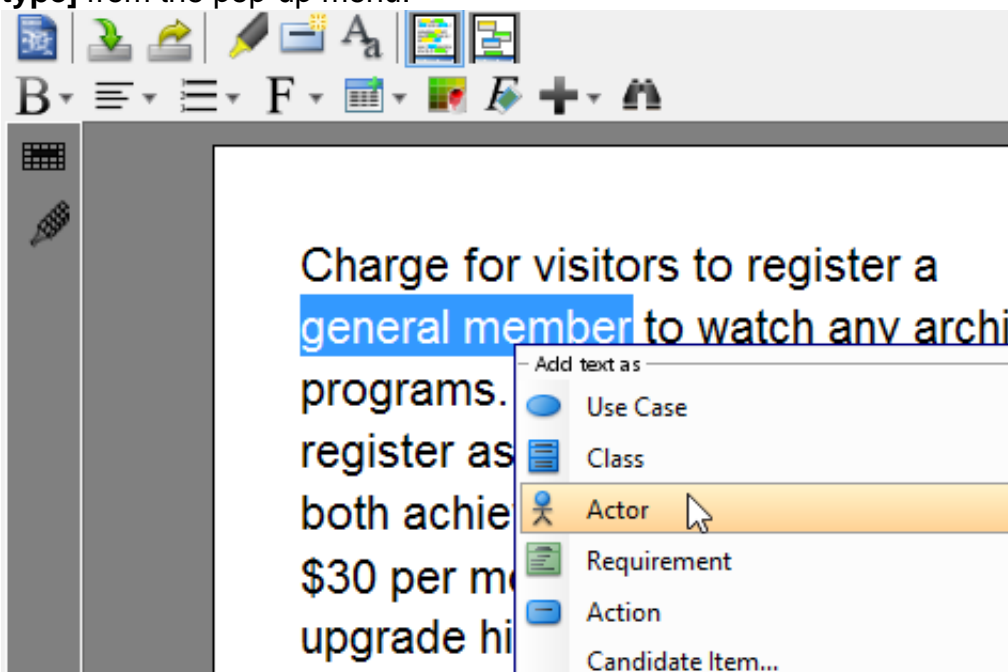


How to discover model elements from problem statement

By studying the problem statement in [Textual Analysis](#), you can extract words or phrases that are relevant to the system and convert them into model elements, such as classes, use cases (system goals) and action, etc. Those objects are regarded as candidate objects. You can extract words or phrases from problem statement to become specific type of candidate objects and edit their properties when necessary.

Identifying candidate objects

Highlight the word/ phrase from the problem statement and select **Add text as [model element type]** from the pop-up menu.



Editing candidate objects

You can rename candidate objects, change their type, write their description and change their color of highlight in the grid at the bottom of [textual analysis](#).

To rename the candidate object:

Double click on the **Candidate Class** cell and rename the candidate object.

No.	Candidate Class	Extracted Text	Type	Description	Occurrence	Highlight
1	general member	general member	Actor		3	Yellow
2	premium member	premium member	Actor		3	Yellow
3	live programs	live programs	Use Case		1	Yellow
4	archived TV program	archived TV program	Use Case		2	Yellow

To change the candidate object's type:

Double click on the **Type** cell and select a type from the combo box.

No.	Candidate Class	Extracted Text	Type
1	general member	general member	Actor
2	premium member	premium member	Actor
3	live programs	live programs	Use Case
4	archived TV program	archived TV program	Unspecified

To add description for the candidate object:

Double click on **Description** cell and type text inside the cell.

Type	Description	Occurrence	Highlight
Actor	Upgrade his/her membership to premium package.	3	Yellow
Actor		3	Yellow
Use Case		1	Yellow
Use Case		2	Yellow

Note: The text you typed in **Description** cell will become the documentation of the corresponding model element.

To change the highlight color of candidate object in problem statement:

1. Click the **Highlight** cell and press the inverted triangle.
2. Select a color from the combo box.

Description	Occurrence	Highlight
Upgrade his/her membership to premium package.	3	Yellow
A premium member can watch both live and archived TV programs.	3	Orange
Live programs include live shows, live news, and live sports.	1	Yellow
Watching archived programs is free of charge.	2	Green