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Manual:Extension/Workflows/Activity/GroupVote

Description

The activity *GroupVote* is responsible for collecting necessary data about the voting of a group on a special topic. Unlike the [UserVote](#), it is not possible to delegate the task. A user that is part of a group can accept or decline a vote and also leave a comment that justifies their decision. The voting result is determined by whatever threshold has been reached first and ends the activity.

Short profile	
Name	GroupVote
Async	No
BPMN type	bpmn:userTask
BPMN Extension Element "wf:type"	group_vote

Properties

Name of property	Description	Type
<code>due_date</code>	Due date for task completion	date /timestamp
<code>assigned_group</code>	Name of the user group that should vote; can be plain grouname as used in the DB (e.g. "sysop")	string
<code>instructions</code>	Text that is shown to the group of user, so they know what to vote about	string
<code>users_voted</code>	<p>Not to be set in the workflow definition. Used to store data during the activities life cycle. E.g.</p> <pre>[{ "userName": "UserA", "vote": "yes", "comment": "Good" }, { "userName": "UserB", "vote": "no", "comment": "Not good" }]</pre> <p>Can be accessed by follow up activities by e.g.</p> <pre>{{<GroupVoteActivityID>.0.userName}}</pre>	string

<code>threshold_yes_unit</code>	can be <code>user</code> or <code>percent</code> - absolute number of users required to approve a page	user, percent
<code>threshold_yes_value</code>	number of users or percentage of users required to approve a page	
<code>threshold_no_unit</code>	can be <code>user</code> or <code>percent</code> - absolute number of users required to reject a page	user, percent
<code>threshold_no_value</code>	number of users or percentage of users required to reject a page	

Full example

Once one of the thresholds is reached, the activity will be completed and a `<bpmn:exclusiveGateway>` (referenced by `<bpmn:outgoing>`) will be called. It will choose its outgoing `<bpmn:sequenceFlow>` by mapping its `name` to the "type" of the threshold that has been reached.

In this example, after the first user either voted yes or no, the workflow will simply reach the end point:

```
<?xml version="1.0" encoding="UTF-8"?>
<bpmn:definitions xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:wf="http://hallowelt.com/schema/bpmn/wf" xmlns:bpmn="http://www.omg.org/spec/BPMN/20100524/MODEL" xmlns:bpmndi="http://www.omg.org/spec/BPMN/20100524/DI" xmlns:dc="http://www.omg.org/spec/DD/20100524/DC" xmlns:di="http://www.omg.org/spec/DD/20100524/DI" id="Definitions_lvr9lfw" targetNamespace="http://bpmn.io/schema/bpmn" exporter="bpmn-js (https://demo.bpmn.io)" exporterVersion="8.7.1">
  <!-- Process part -->
  <bpmn:process id="Group_Vote" isExecutable="false">
    <bpmn:extensionElements>
      <wf:context>
        <wf:contextItem name="pageId"/>
        <wf:contextItem name="revision"/>
      </wf:context>
    </bpmn:extensionElements>
    <!-- StartEvent -->
    <bpmn:startEvent id="TheStart">
      <bpmn:outgoing>FromTheStartToGroupVote</bpmn:outgoing>
    </bpmn:startEvent>
    <bpmn:sequenceFlow id="FromTheStartToGroupVote" sourceRef="TheStart" targetRef="GroupVote"/>
    <!-- Collect group vote -->
    <bpmn:userTask id="GroupVote" name="GroupVote">
      <bpmn:extensionElements>
        <wf:type>group_vote</wf:type>
      </bpmn:extensionElements>
      <bpmn:property name="assigned_group">QM-reviewer</bpmn:property>
      <bpmn:property name="instructions">Please vote</bpmn:property>
      <bpmn:property name="comment"/>
      <bpmn:property name="vote">vote</bpmn:property>
      <bpmn:property name="users_voted"/>
      <bpmn:property name="due_date">{{#time:YmdHis|now + 7days}}</bpmn:property>
      <bpmn:property name="threshold_yes_unit">user</bpmn:property>
      <bpmn:property name="threshold_yes_value">1</bpmn:property>
    </bpmn:userTask>
  </bpmn:process>
</bpmn:definitions>
```

```
<bpmn:property name="threshold_no_unit">user</bpmn:property>
<bpmn:property name="threshold_no_value">1</bpmn:property>

<bpmn:incoming>FromtheStartToGroupVote</bpmn:incoming>
<bpmn:outgoing>FromGroupVoteToGatewayGroupVote</bpmn:outgoing>
</bpmn:userTask>
<bpmn:sequenceFlow id="FromGroupVoteToGatewayGroupVote" sourceRef="Grou
pVote" targetRef="GatewayGroupVote"/>
<!-- Check on voting -->
<bpmn:exclusiveGateway id="GatewayGroupVote" name="GroupVote.vote">
  <bpmn:incoming>FromGroupVoteToGatewayGroupVote</bpmn:incoming>
  <bpmn:outgoing>FromGatewayGroupVoteToTheEndYes</bpmn:outgoing>
  <bpmn:outgoing>FromGatewayGroupVoteToTheEndNo</bpmn:outgoing>
</bpmn:exclusiveGateway>
<bpmn:sequenceFlow id="FromGatewayGroupVoteToTheEndYes" name="yes" sour
ceRef="GatewayGroupVote" targetRef="TheEnd"/>
<bpmn:sequenceFlow id="FromGatewayGroupVoteToTheEndNo" name="no" source
Ref="GatewayGroupVote" targetRef="TheEnd"/>
<!-- EndEvent -->
<bpmn:endEvent id="TheEnd">
  <bpmn:incoming>FromGatewayGroupVoteToTheEndYes</bpmn:incoming>
  <bpmn:incoming>FromGatewayGroupVoteToTheEndNo</bpmn:incoming>
</bpmn:endEvent>
</bpmn:process>
</bpmn:definitions>
```

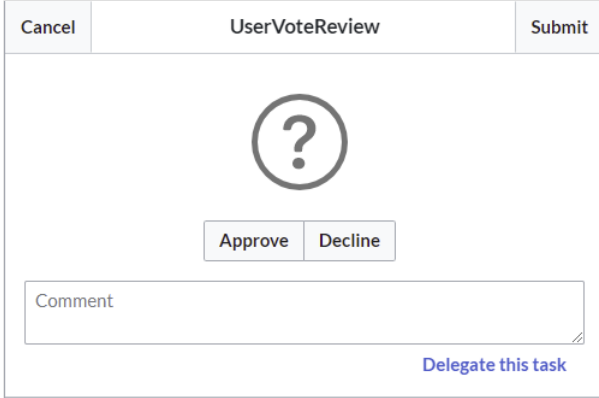
Manual:Extension/Workflows/Activity/UserVote

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Description

The activity *UserVote* is responsible for collecting necessary data about the voting of a user on a special topic. The user who casts a vote has three options: accept, decline and delegate. If a user chooses "delegate", a dialog with a "UserPicker" must be provided. The chosen user must be notified and allowed to vote. The delegatee can re-delegate, but only to the primary user. A notification must be sent again. All delegation actions of the activity must be logged internally and be passed to the next activity.



The dialog titled "UserVoteReview" has "Cancel" and "Submit" buttons at the top. In the center is a large question mark icon. Below it are "Approve" and "Decline" buttons. At the bottom is a text input field labeled "Comment" and a blue link "Delegate this task".

Dialog for user voting



The dialog titled "UserVoteReview" has "Cancel" and "Submit" buttons at the top. It contains two input fields: "Delegate to" with a dropdown menu and an asterisk, and "Delegation comment" with a text area. At the bottom right is a "Do not delegate" link.

Dialog for delegating

Short profile	
Name	UserVote
Async	No
Input/form	<ul style="list-style-type: none">• Submit / Cancel button• Voting button (approve/decline)• Textfield for comments• Link for delegating the task<ul style="list-style-type: none">○ Userpicker○ Textfield for comments
Associated to	<ul style="list-style-type: none">• ApprovalWorkflows• FeedbackWorkflows
BPMN type	bpmn:userTask

Extension elements

Name of extension element	Description	Type
form	Name of a *.form page on the wiki	string

Properties

Input

Name of property	Source	Description	Type	Action
assigned_user	CollectData	Name of the user that should vote. Can be plain username (e.g. "WikiSysop") or user page ("User:WikiSysop"); Support for User-ID is not required	string	none
instructions	CollectData	Text that is shown to the user, so he knows what to vote about; visible in the UI / form	string	display
due_date	CollectData	Due date for task completion	date /timestamp	none
delegate_to	UserVote	Name of the delegated user, that should vote instead of the specified user	string	collect & display
delegate_comment	UserVote	Text that is shown to the delegated user, so he knows what to vote about; visible in the UI / form	string	collect & display

Output

Name of property	Source	Description	Type	Action
vote	UserVote	Result of the voting (values: YES, NO)	boolean /string	collect
comment	UserVote	Comment of the user	string	collect
timestamp	UserVote	Timestamp of the vote	timestamp	collect
revisionid	UserVote	Revision ID that was voted on	integer	collect