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# MTurk Instruction - Turker

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Mar. 1, 2022

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Issues related to Vidat, please create issues [here](#).

## 1 Sign In or Create an Account

### MTurk Worker Sandbox

You may be required to fill a registration form if you are the first time to use MTurk.

## Worker Registration

### Create an Amazon Mechanical Turk Account

#### Country of residence

#### Full Name

#### Address




Figure 1: Worker registration

## 2 Find Our Hit

The screenshot shows the Amazon MTurk 'Your HITs Queue' page. At the top, there's a navigation bar with 'amazonmturk', 'HITs', 'Dashboard', and 'Qualifications'. The search bar contains 'IKEA Assembly Instruction Video Segmentation'. Below the navigation bar, it says 'All HITs' and 'Your HITs Queue'. A message states '1-1 of 1 results containing "IKEA Assembly Instruction Video Segmentation"'. Under 'HIT Groups', there's a table with columns: Requester, Title, HITs, Reward, Created, and Actions. The table has one row with Requester 'Jiahao Zhang', Title 'IKEA Assembly Instruction Video Segmentation', HITs '3', Reward '\$1.00', Created '2m ago', and Actions 'Preview' and 'Accept & Work'. The 'Accept & Work' button is highlighted with a red box. At the bottom, there are navigation links: '< Previous', '1', and 'Next >'.

Requester	Title	HITs	Reward	Created	Actions
Jiahao Zhang	IKEA Assembly Instruction Video Segmentation	3	\$1.00	2m ago	Preview Accept & Work

Figure 2: Search for *IKEA Assembly Instruction Video Segmentation* and Accept.

Video Annotation Instructions (Click to expand)

Vidat link:	<a href="https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-IB6S1bTqou4.json&amp;showObjects=false&amp;showRegions=false&amp;showSkeletons=false&amp;showActions=true&amp;showPopup=false&amp;grayscale=false&amp;decoder=auto&amp;muted=false&amp;zoom=false&amp;defaultFps=10&amp;defaultFpk=50&amp;submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F">https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-IB6S1bTqou4.json&amp;showObjects=false&amp;showRegions=false&amp;showSkeletons=false&amp;showActions=true&amp;showPopup=false&amp;grayscale=false&amp;decoder=auto&amp;muted=false&amp;zoom=false&amp;defaultFps=10&amp;defaultFpk=50&amp;submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F</a>
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Provide the submission code here:

e.g. 123e4567-e89b-12d3-a456-426614174000

Submit

**Figure 3:** Expand to read the instruction.

Video Annotation Instructions (Click to expand)

Vidat link:	<a href="https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-IB6S1bTqou4.json&amp;showObjects=false&amp;showRegions=false&amp;showSkeletons=false&amp;showActions=true&amp;showPopup=false&amp;grayscale=false&amp;decoder=auto&amp;muted=false&amp;zoom=false&amp;defaultFps=10&amp;defaultFpk=50&amp;submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F">https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-IB6S1bTqou4.json&amp;showObjects=false&amp;showRegions=false&amp;showSkeletons=false&amp;showActions=true&amp;showPopup=false&amp;grayscale=false&amp;decoder=auto&amp;muted=false&amp;zoom=false&amp;defaultFps=10&amp;defaultFpk=50&amp;submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F</a>
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Provide the submission code here:

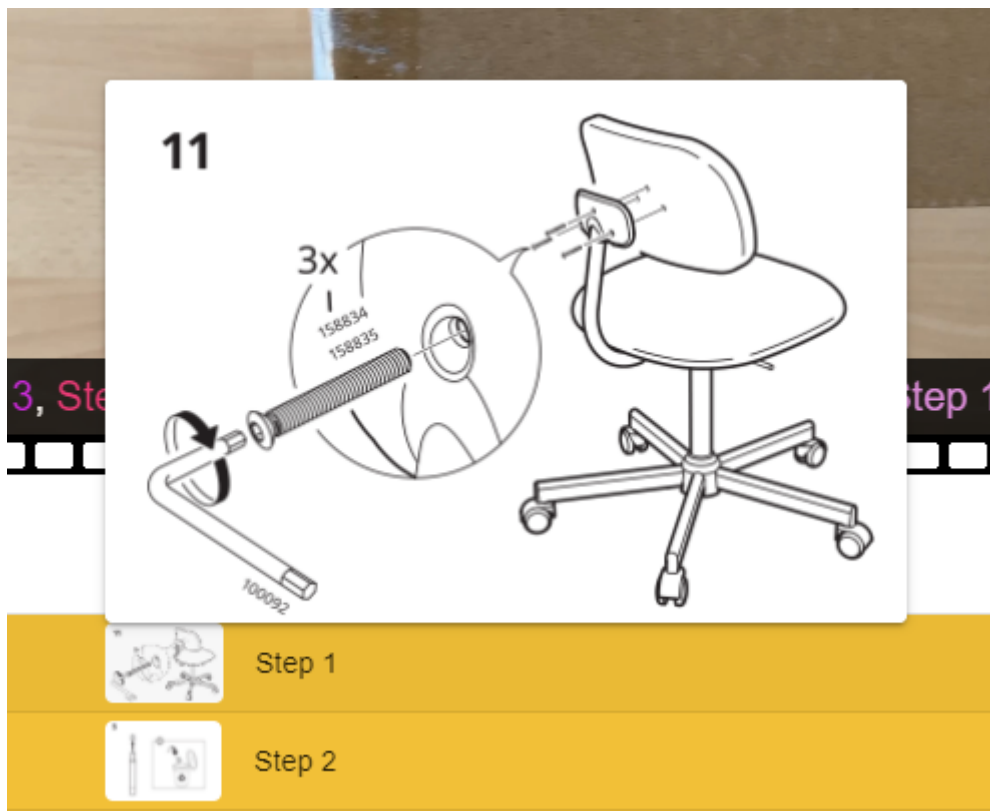
e.g. 123e4567-e89b-12d3-a456-426614174000

Submit

**Figure 4:** Open the link in a new tab.

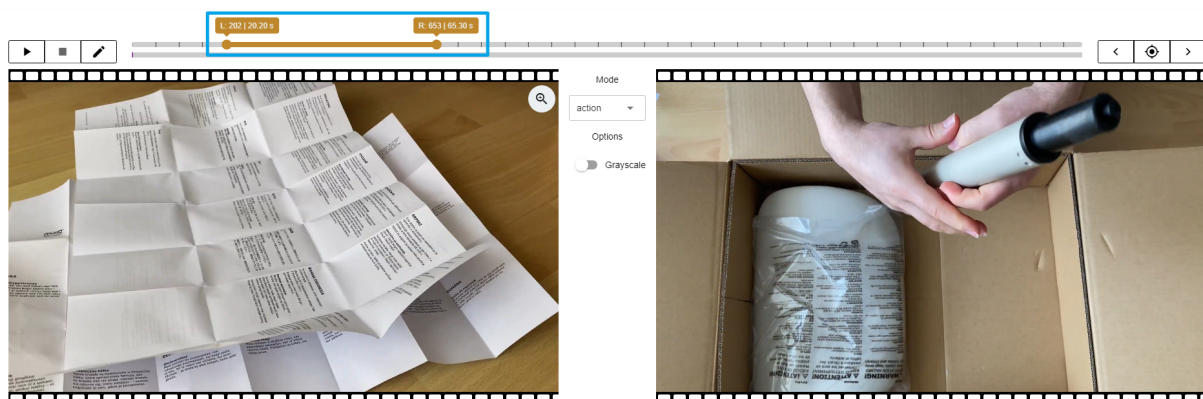
### 3 Annotation In Vidat

#### 3.1 Steps



**Figure 5:** Click the thumbnail to view each step. Click it again to close the popup.

##### 3.1.0.1 Step 1



**Figure 6:** Locate left and right panel to align start and end frame.

##### 3.1.0.2 Step 2



**Figure 7:** Click the second button on the corresponding row to set start and end time for this segment.

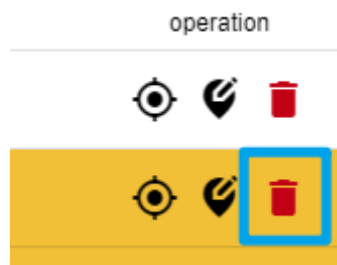
Actions / Video Segments

start	end	duration		action	object	color	description	operation
20.2	65.3	45.10		Step 1	default	#5A0CE5		
0	0	0.00		Step 2	default	#A50823		
0	0	0.00		Step 3	default	#C10823		
0	0	0.00		Step 4	default	#F72171		
0	0	0.00		Step 5	default	#21A575		
0	0	0.00		Step 6	default	#5C7C2A		
0	0	0.00		Step 7	default	#1E3A25		
0	0	0.00		Step 8	default	#A50823		
0	0	0.00		Step 9	default	#C10823		
0	0	0.00		Step 10	default	#F72171		
0	0	0.00		Step 11	default	#C1A207		

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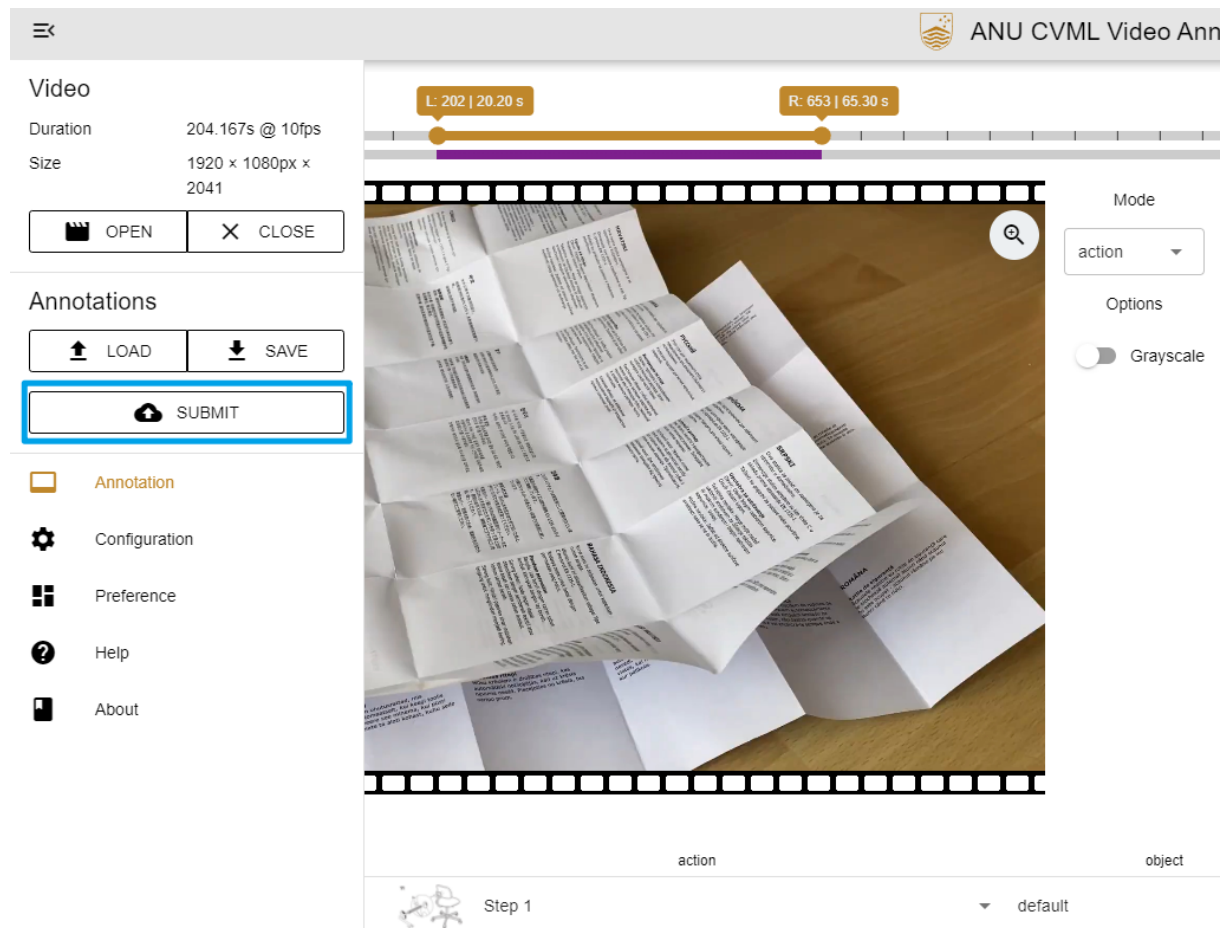
**Figure 8:** Once the duration is longer than 0, the warning (yellow) color will disappear.

### 3.1.0.3 Step 3



**Figure 9:** Delete the segment if it is not shown in the video.

### 3.1.0.4 Step 4

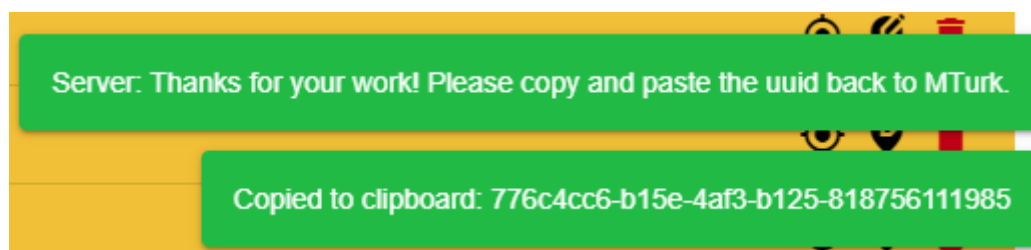


**Figure 10:** Open the side menu after finishing annotation, and click submit button

### 3.1.0.5 Step 5

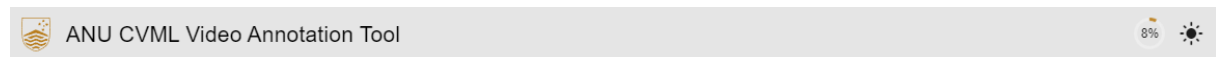
Please check the followings before submitting

- the video is not changed
- the configuration is not changed
- duration of each action is greater than 0



**Figure 11:** Your submission id will be notified and copied to your clipboard.

### 3.2 Vidat Introduction



**Figure 12:** Header a video caching status and a dark mode toggle. Once all frames are cached, you can change the frame smoothly.

some useful hot keys for video control:

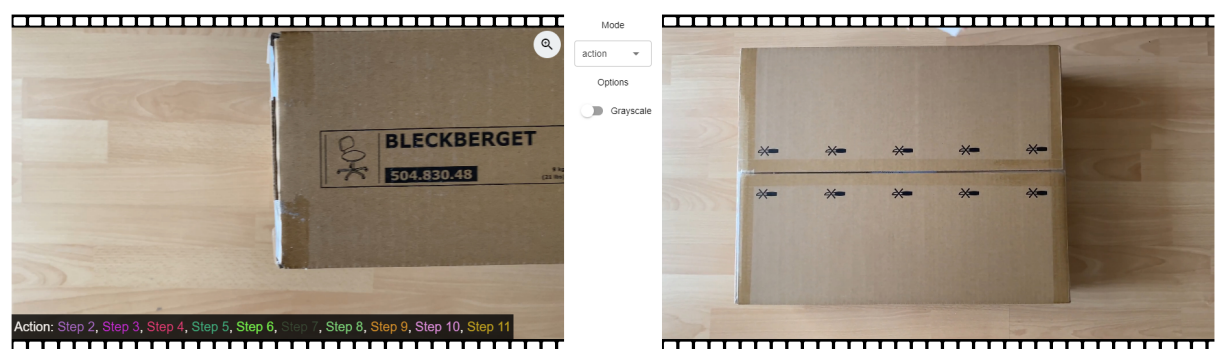
- P play / pause video segment



**Figure 13:** Keyframe Panel on the left, you can play the video segment specified by the range or edit keyframe list. In the middle, you can change the frame of left/right panel by dragging the left/right thumb or the range, the purple below indicates the frames annotated by actions. One the right, you can quick locate the keyframe(s).


































Some useful hot keys for frames control:

- COMMA, <, PERIOD, > advance to previous / next keyframe
- LEFT-ARROW, RIGHT-ARROW previous / next frame
- UP-ARROW, DOWN-ARROW cycle through the frame slider: right > range > left
- PAGE-UP, PAGE-DOWN, jump to previous / next 10% of video






**Figure 14:** Left/Right Canvas Panel and Control Panel (in the middle) there is an action indicator on the left-bottom corner to show actions which cover current frame.



Actions / Video Segments							<input type="button" value="FILTER"/> <input type="button" value="+ ADD"/> <input type="button" value="CLEAR"/>	
start	end	duration	action	object	color	description	operation	
20.2	65.3	45.10	 Step 1	▼ default	▼ #5A0CE5			
0	0	0.00	 Step 2	▼ default	▼ #A020F0			
0	0	0.00	 Step 3	▼ default	▼ #D03080			
0	0	0.00	 Step 4	▼ default	▼ #F72171			
0	0	0.00	 Step 5	▼ default	▼ #21AB76			
0	0	0.00	 Step 6	▼ default	▼ #907C5A			
0	0	0.00	 Step 7	▼ default	▼ #1E3A25			
0	0	0.00	 Step 8	▼ default	▼ #907C5A			
0	0	0.00	 Step 9	▼ default	▼ #DC3B12			
0	0	0.00	 Step 10	▼ default	▼ #E69A01			
0	0	0.00	 Step 11	▼ default	▼ #C4A000			

Records per page: All 1-11 of 11

**Figure 15:** Action / Video Segment Table you can modify the action annotation List.

- **ADD** or press **PLUS (+)** key on your keyboard to add a new action
- **CLEAR** bulk delete all actions
- **start** start time in seconds
- **end** end time in seconds
- **duration** duration (end time - start time) in seconds
- **action** the action label, in this task, it refers to steps
- **object** the corresponding object label, please leave it as default in this task
- **description**
-  set start/end time as current left/right frame
-  set current left/right frame as start/end time
-  delete this action

## 4 Submit In MTurk

Video Annotation Instructions (Click to expand)

Vidat link:

<https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-1B6SIbTqou4.json&showObjects=false&showRegions=false&showSkeletons=false&showActions=true&showPopup=false&grayscale=false&decoder=auto&muted=false&zoom=false&defaultFps=10&defaultFpk=50&submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F>

Provide the submission code here:

776c4cc6-b15e-4af3-b125-818756111985

Submit

**Figure 16:** Paste the submission id and click submit.

Thanks for your cooperation, cheers!