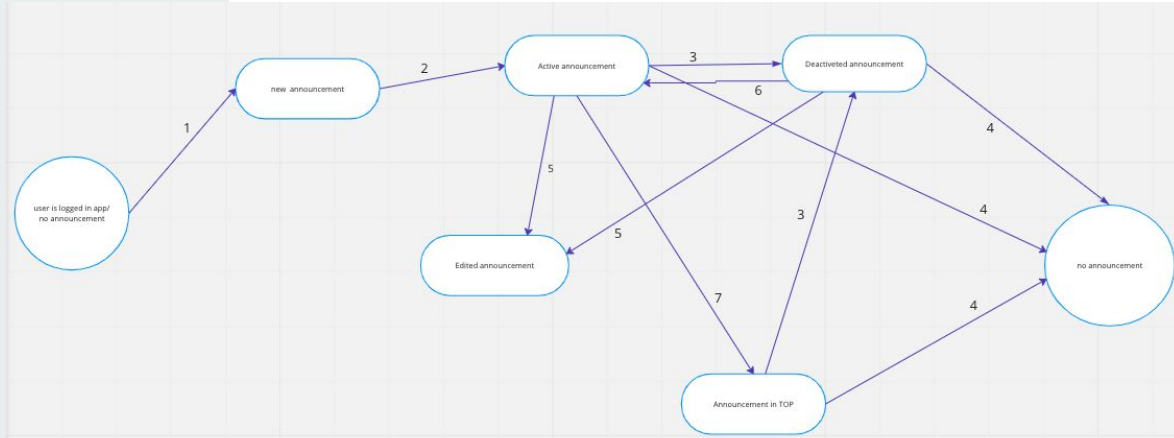# State Transition Technique

Object: The announcement in the mobile app OLX.ua.

State Transition Diagram: [Link](#)

Analysis of actions by states. Analysis of transition methods. User flow: [Link](#)

State Transition Technique.

State Transition Diagram.

1. Create new announcement
2. Publish
3. Deactivate
4. Delete
5. Edit
6. Activate
7. Promote

State Transition Technique.

Analysis of actions by states.

State	Action
No announcement	Create
New announcement	Publish
Active announcement	Edit
Edited announcement	Change announcement
	Promote
Announcement in TOP	Deactivate
Deactivated	Delete

State Transition Technique.

Analysis of actions by states.

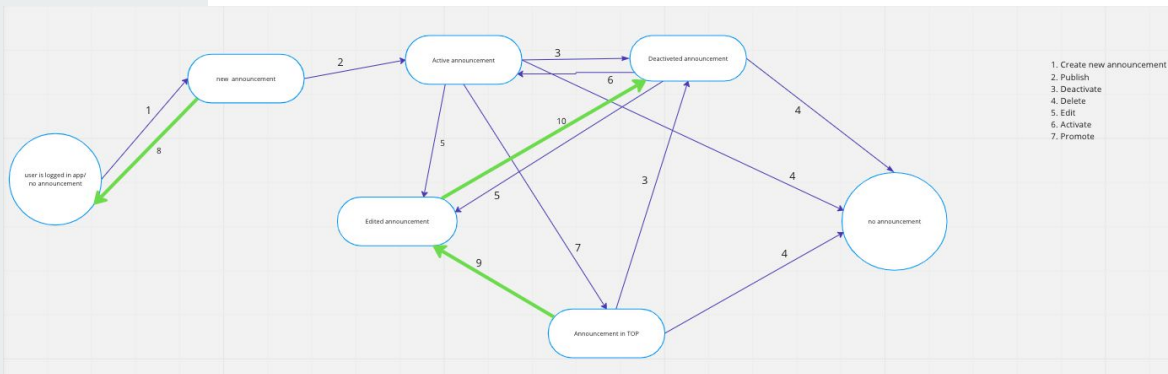| Current state	Action	Next state	Result
No announcement	Create announcement-Fill in the form with valid data	New announcement	Create announcement-Fill in the form with valid data
No announcement	Create announcement-Fill in the form with no valid data	Action not available	Not available, you need to fill out the form with valid data in all required fields
No announcement	Create announcement- form with no data	Action not available	Not available, you need to fill out the form, all required fields
No announcement	Deactivate	Action not available	Not available, announcement sould be create and activate
No announcement	Promote	Action not available	Not available, announcement sould be create and activate
New announcement	Publish	Active announcement	The announcement is published on the website
Active announcement	Edit	Edited announcement	Changed data in the announcement
Active announcement	Deactivate	Deactived	The announcement has been moved to the "Deactive" folder and is not shown on the site to other users
Active announcement	Promote	Announcement in TOP	The announcement is shown in the first positions on the site
Active announcement	Delete	No announcement	The announcement disappears
Edited announcement	Publish	Active announcement	Edited announcement can be published and will be displayed on the site
Edited announcement	Deactivate	Action not available	Not available, announcement sould be activate
Edited announcement	Delete	Action not available	Not available, announcement sould be activate or deactive
Edited announcement	Promote	Action not available	Not available, announcement sould be activate
Announcement in TOP	Deactivate	Deactived	The announcement has been moved to the "Deactive" folder and is not shown on the site to other users
Announcement in TOP	Delete	No announcement	The announcement disappears
Announcement in TOP	Edit	Edited announcement	Changed data in the announcement
Deactived	Delete	No announcement	The announcement disappears
Deactived	Activate	Active announcement	The announcement is published on the website
Deactived	Edit	Edited announcement (deactived)	Changed data in the announcement and stay in deactive folder
Deactived	Promote	Action not available	Not available, announcement sould be activate

State Transition Technique.

Analysis of transition methods.

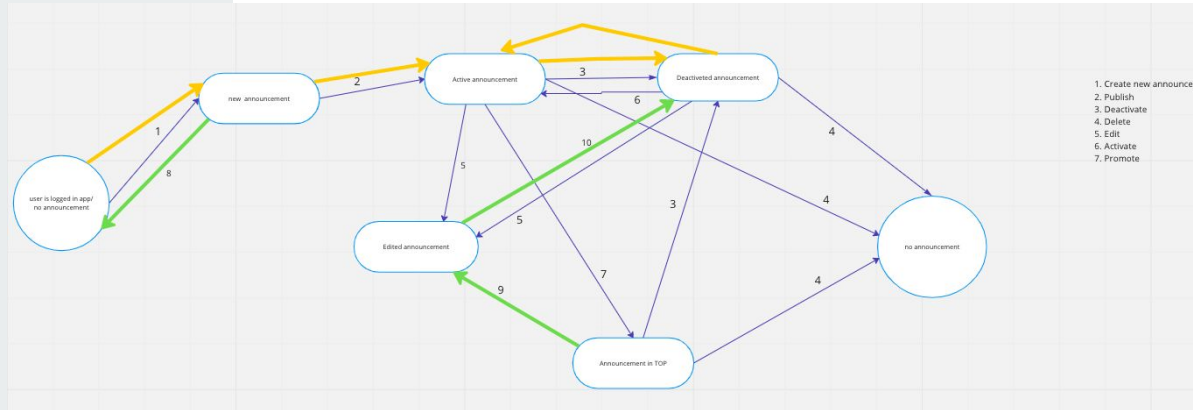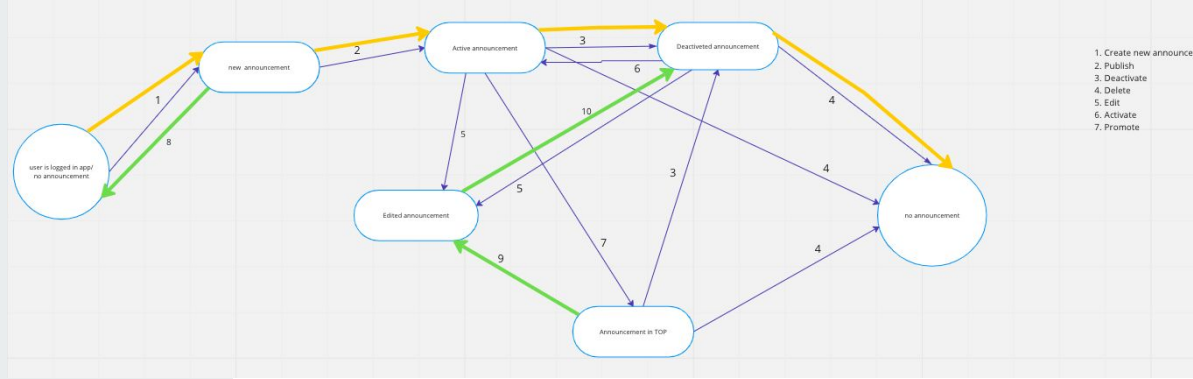| Current state	Next state	How to do it
No announcement	New announcement	Fill in the form with valid data in all required fields
No announcement	Active announcement	Not available, you need to fill out the form with valid data in all required fields
No announcement	Deactived	Not available, announcement sould be create and activate
No announcement	Announcement in TOP	Not available, announcement sould be create and activate
No announcement	Edited announcement	Not available
No announcement	No announcement	Not available
New announcement	Active announcement	Fill in the form with valid data and click the button "Publish"
New announcement	Deactived	Not available
New announcement	Announcement in TOP	Not available
New announcement	Edited announcement	Not available
New announcement	New announcement	Not available
New announcement	No announcement	Doesn't post the new announcement
Active announcement	Edited announcement	Click the button "Edit"and make changes to the announcement
Active announcement	Deactived	Click the button "Deactivate"
Active announcement	Announcement in TOP	Click the button "Promote" and choose advertising options on the site and pay
Active announcement	No announcement	Click the button "Delete"
Active announcement	New announcement	Not available
Active announcement	Active announcement	Not available
Edited announcement	Active announcement	Click the button "Edit"and make changes to the announcement, and click the button "Publish"
Edited announcement	Deactived	Not available
Edited announcement	Announcement in TOP	Not available
Edited announcement	No announcement	Not available
Edited announcement	New announcement	Not available
Edited announcement	Edited announcement	Not available
Announcement in TOP	Deactived	Click the button "Deactivate"
Announcement in TOP	No announcement	Click the button "Delete"
Announcement in TOP	Edited announcement	Click the button "Edit"and make changes to the announcement, and click the button "Publish"
Announcement in TOP	New announcement	Not available
Announcement in TOP	Active announcement	Not available
Announcement in TOP	Announcement in TOP	Not available

State Transition Technique.

Analysis of transition methods.

Deactived	No announcement	Click the button "Delete"
Deactived	Active announcement	Click the button "Activate"
Deactived	Edited announcement (deactived)	Click the button "Edit"and make changes to the announcement, and click the button "Change announcement"
Deactived	Announcement in TOP	Not available, announcement sould be activate
Deactived	New announcement	Not available
Deactived	Deactived	Not available

1. Create new announcement
2. Publish
3. Deactivate
4. Delete
5. Edit
6. Activate
7. Promote

new announcement

Active announcement

Deactived announcement

user is logged in app/ no announcement

Edited announcement

no announcement

Announcement in TOP

1 2 3 4 5 6 7 8 9 10

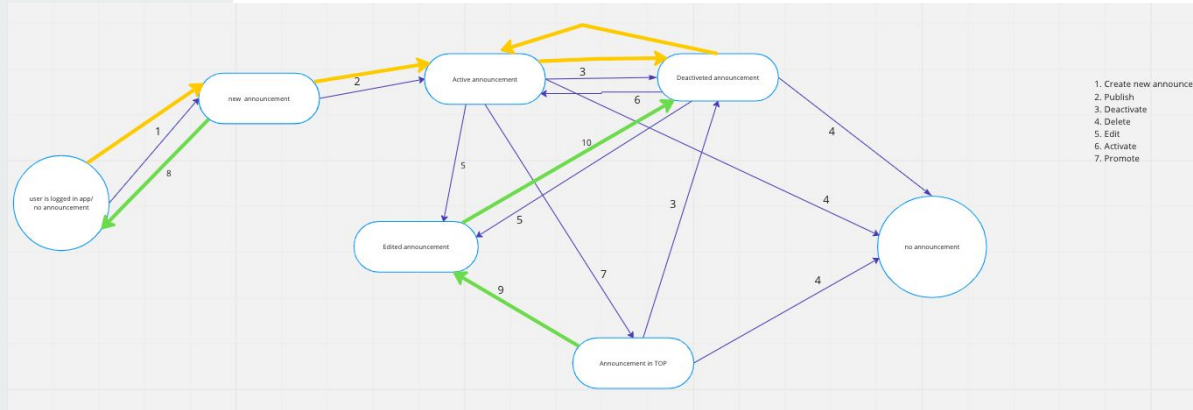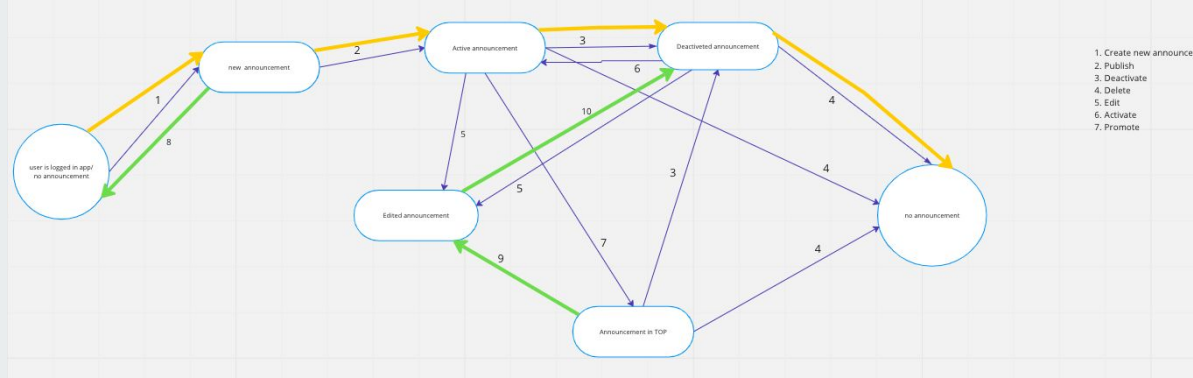# State Transition Technique.

Diagram User Flow.

State Transition Technique.

Diagram User Flow.

State Transition Technique.

Diagram User Flow.