Request a space - Activity Diagram

Client	System	Approver

Client: (start) → Choose a space → Submit a reservation request → Get notified about the request result

System: Store the request → (fork) → (join) → (end)

Approver: Get notified about the request
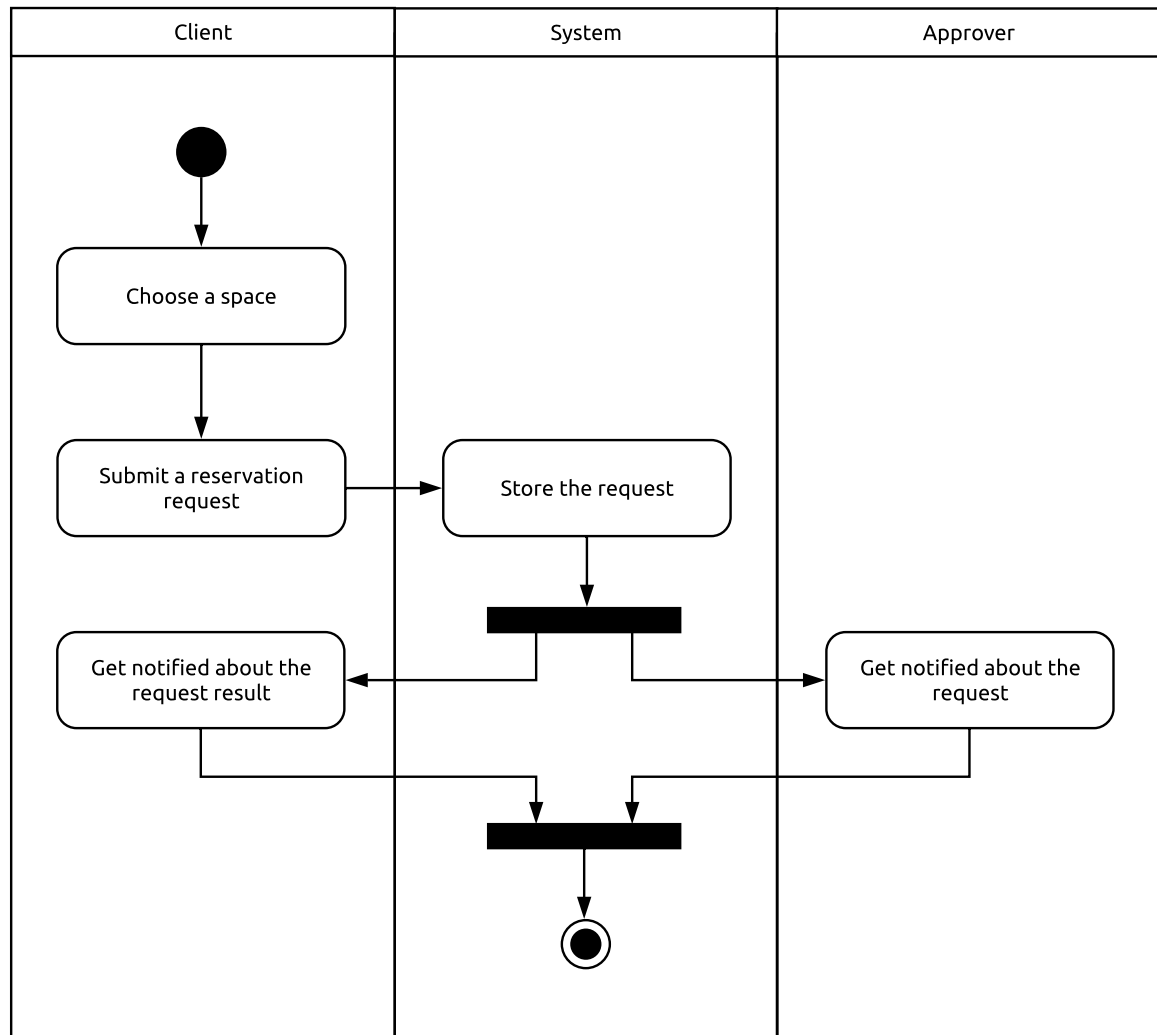
Cancel a request - Activity Diagram

Client	System

Client:
- (start)
- View pending requests
- Choose a request
- Submit a cancellation
- Get notified about the cancellation result
- (end)

System:
- Mark the request as cancelled
- Notify Client about the cancellation result
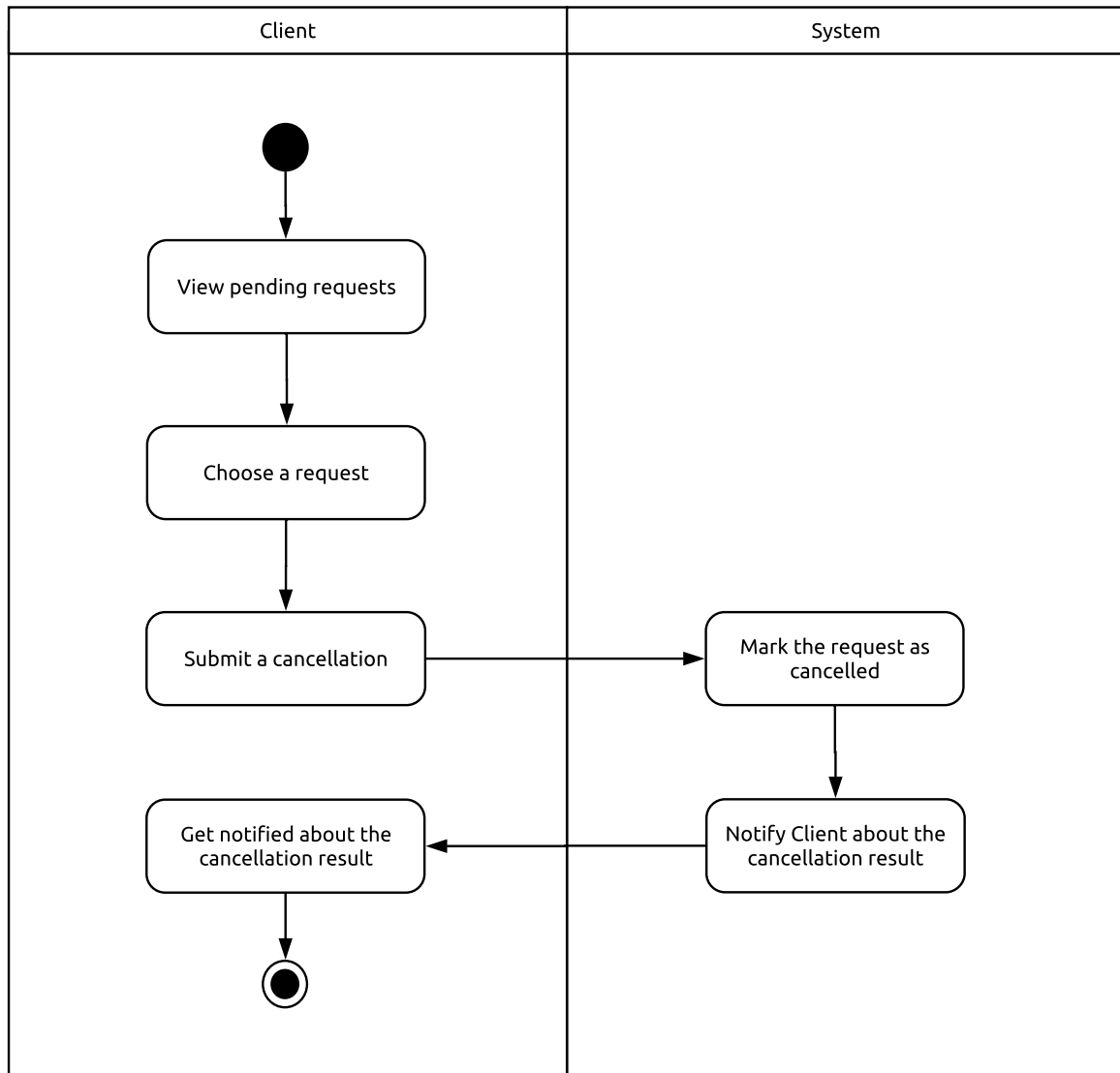
Report a problem - Activity Diagram

Client	System	Admin
Choose a space		
Submit a problem report	Store the report	Get notified about the new problem report
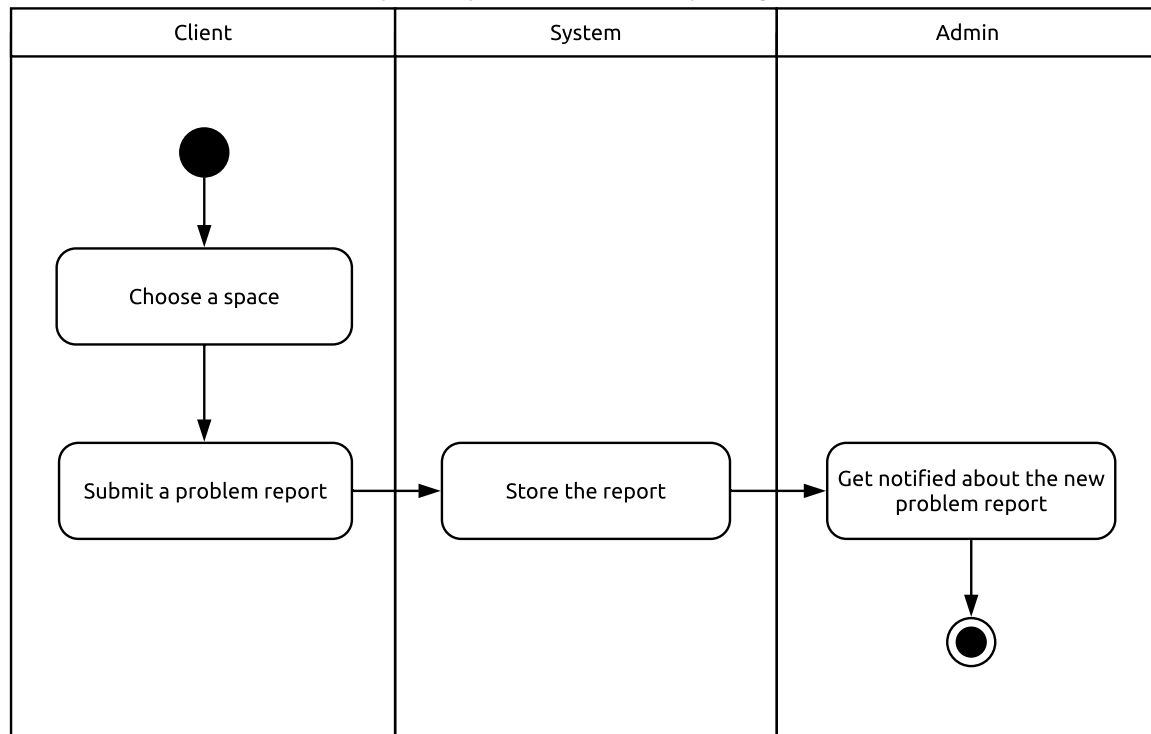
Search and browse spaces - Activity Diagram

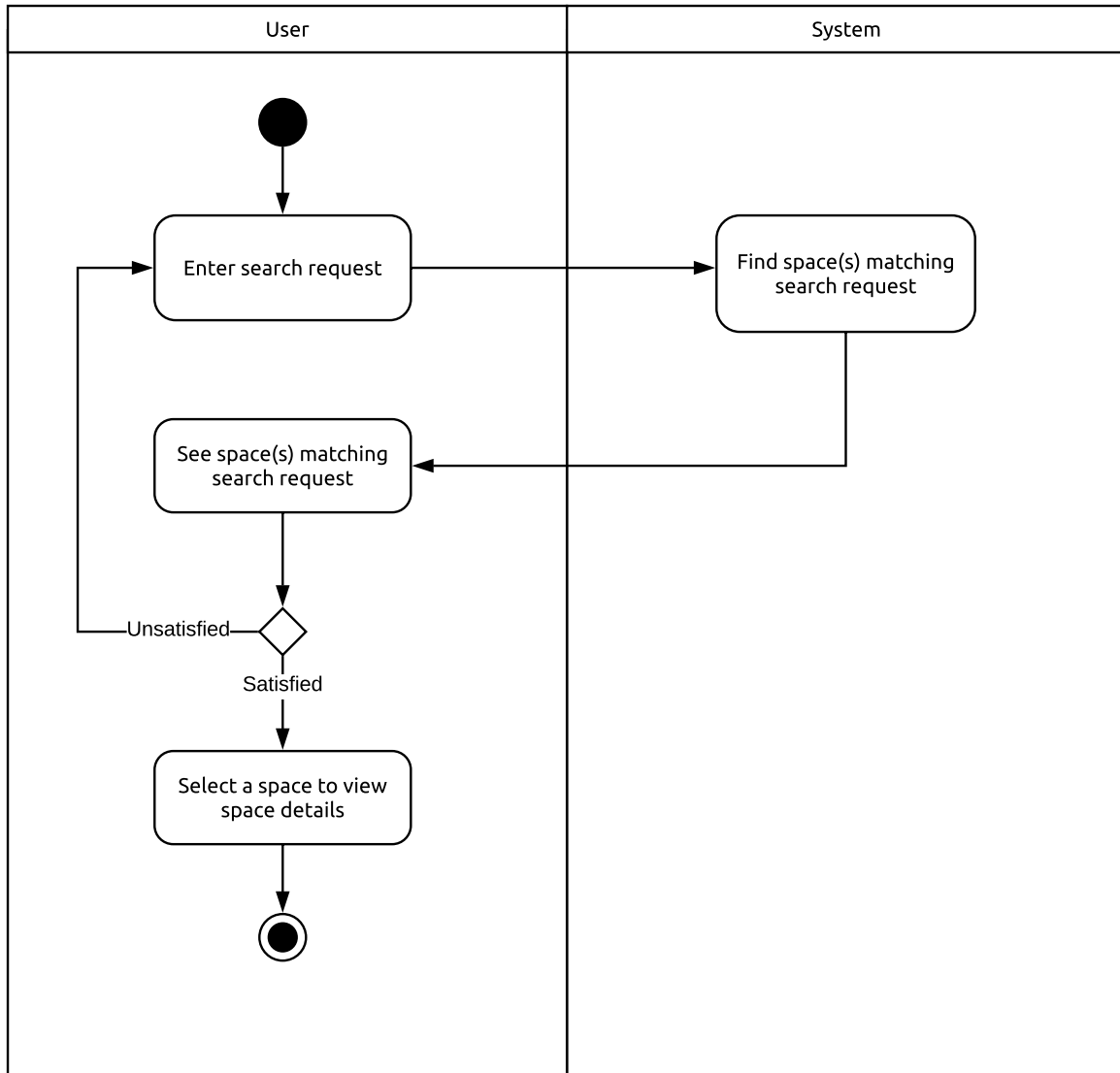| User	System

Enter search request

Find space(s) matching search request

See space(s) matching search request

Unsatisfied

Satisfied

Select a space to view space details

Evaluate a request - Activity Diagram

Approver	System	Client

Approver:
- (start) → View pending requests → Review a request

System:
- Decision diamond
  - Reject → Mark the request as rejected
  - Approve → Mark the request as approved → Check if there's enough approval → Decision diamond
    - Not enough → Wait for more Approver to approve
    - Enough → Mark the request as approved

Client:
- Mark the request as rejected → Get notified that the request is rejected
- Mark the request as approved → Get notified that the request is approved → (merge diamond) → (end)

View a reported problem - Activity Diagram

Admin	System

View reported problems

Select a problem → **Find the selected problem**

See the selected problem

Manage spaces - Activity Diagram

Admin	System

Choose an action

Add a space

Edit a space

Remove a space

Submit the action → **Perform the action**

Get notified about the action result
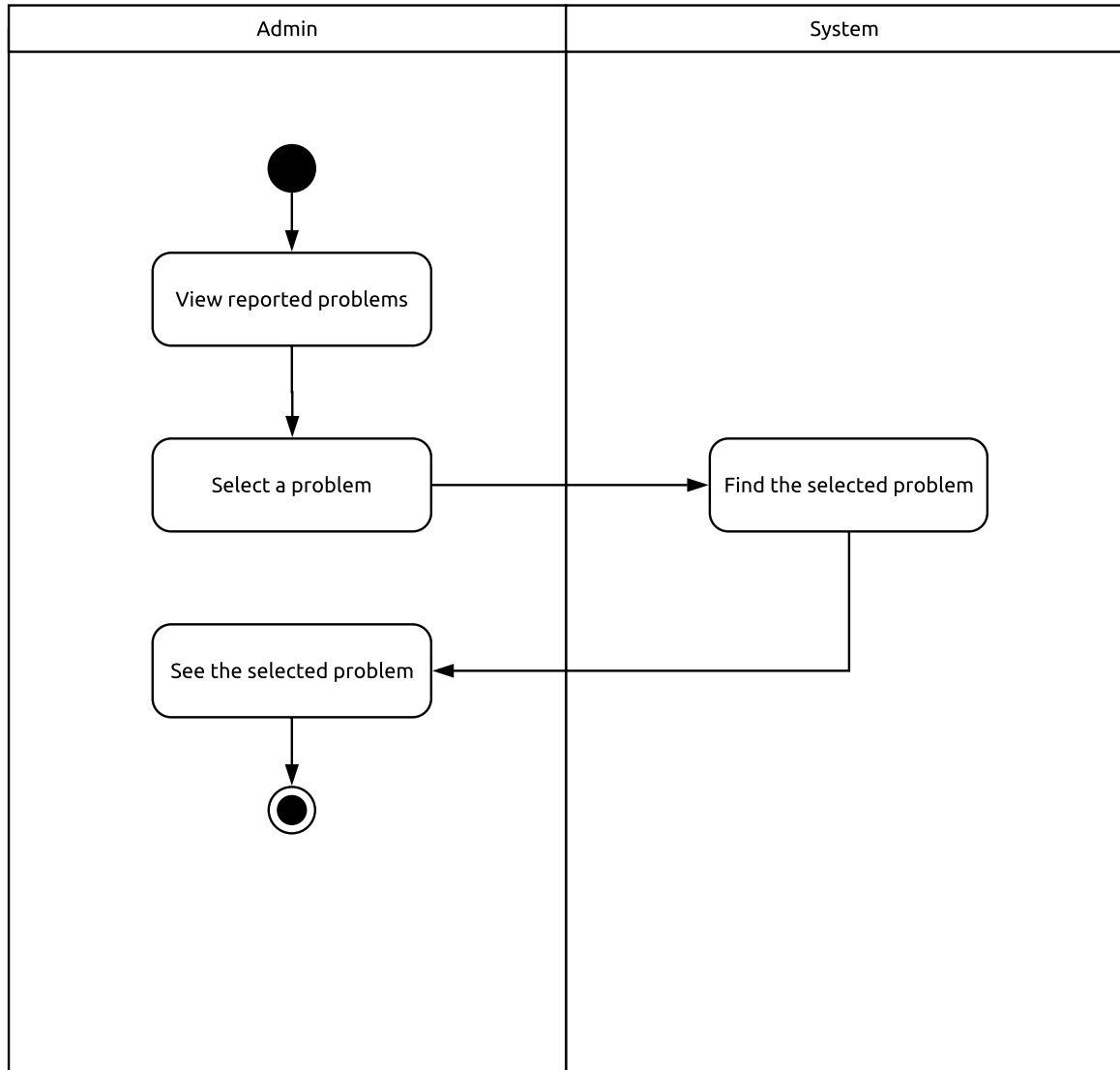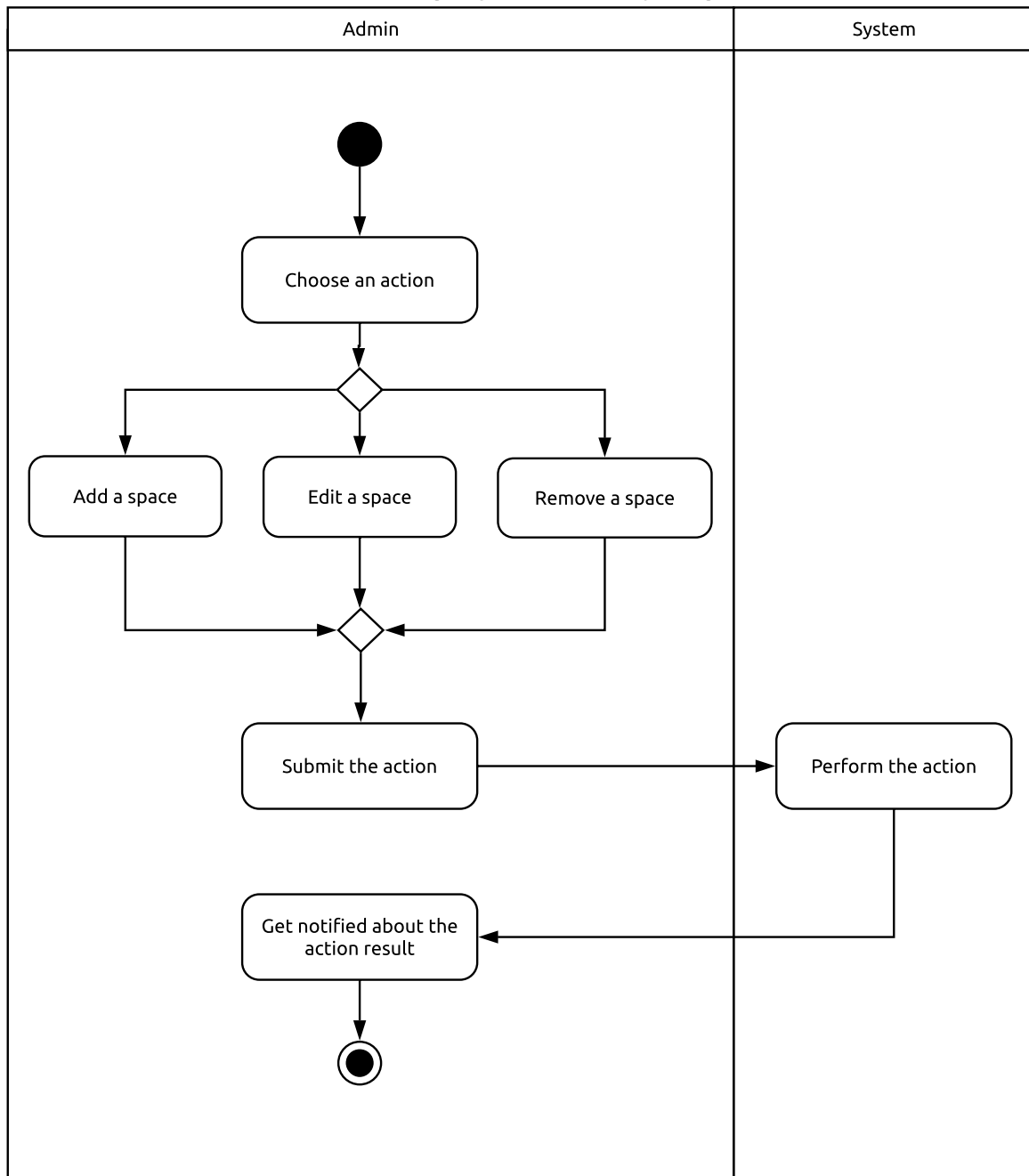
Manage Material - Activity Diagram

Admin	System

Choose an action

Add a material   **Edit a material**   **Remove a material**

Submit the action → **Perform the action**

Get notified about the action result

Process
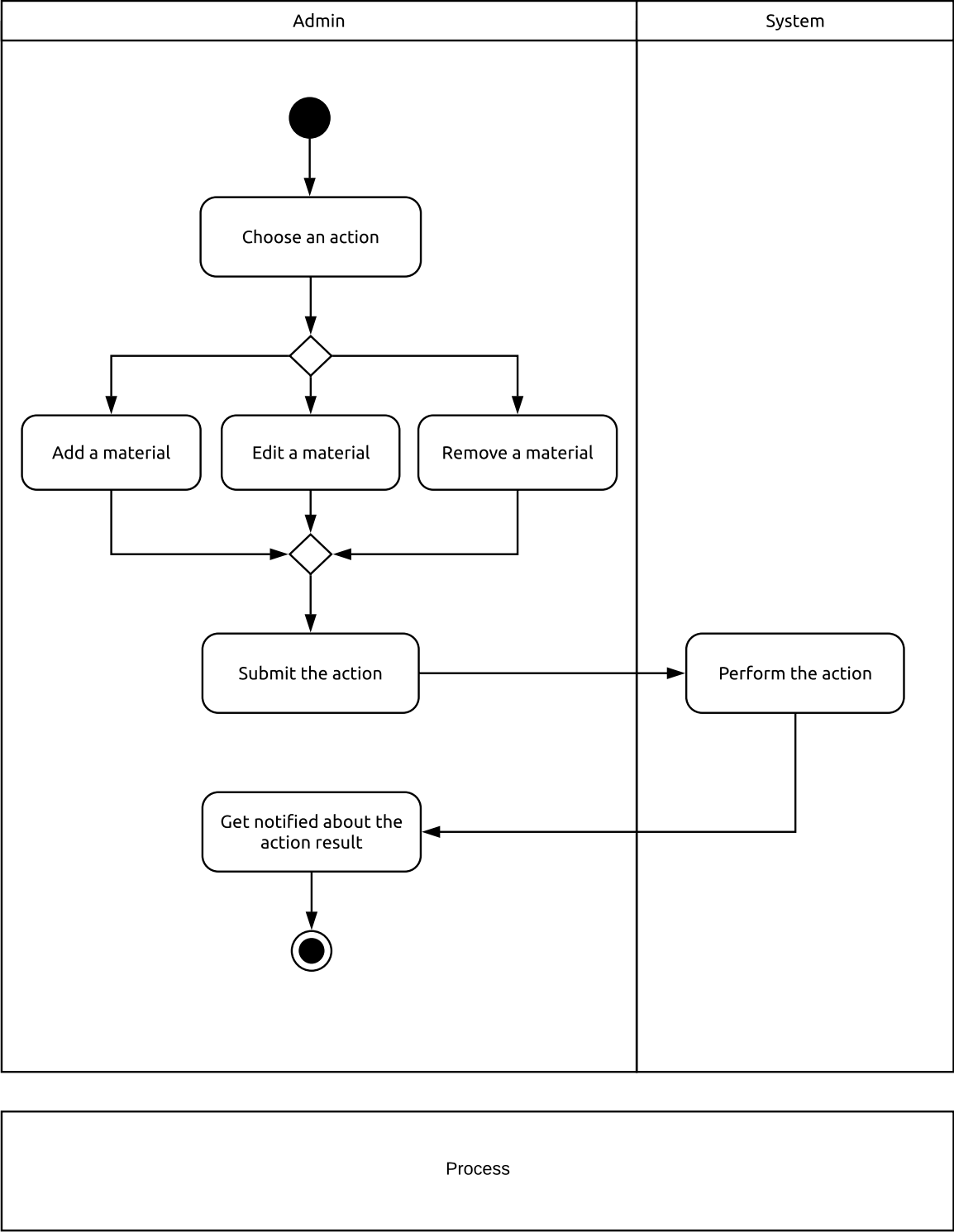
Manage users - Activity Diagram

Admin	System

Admin column:

(start) → View users → Choose a user → Assign a role or permission(s) to the user → Submit the action → Get notified about the action result → (end)

System column:

Perform the action

Submit the action → Perform the action → Get notified about the action result