Request a space - Activity Diagram

Client	System	Approver

Choose a space

Submit a reservation request

Store the request

Get notified about the request result

Get notified about the request
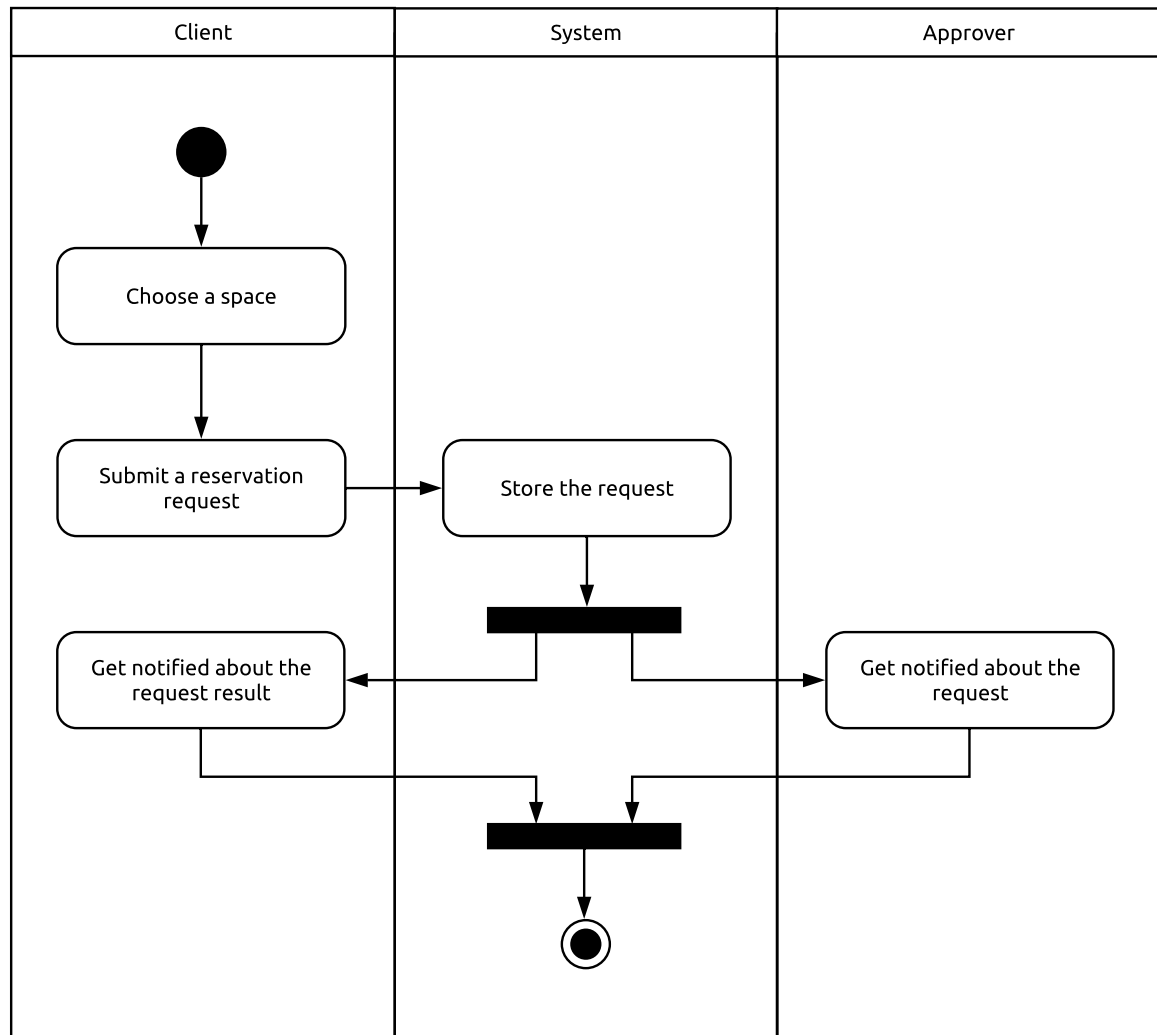
Cancel a request - Activity Diagram

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

Flow:
- Submit a cancellation → Mark the request as cancelled
- Mark the request as cancelled → Notify Client about the cancellation result
- Notify Client about the cancellation result → Get notified 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
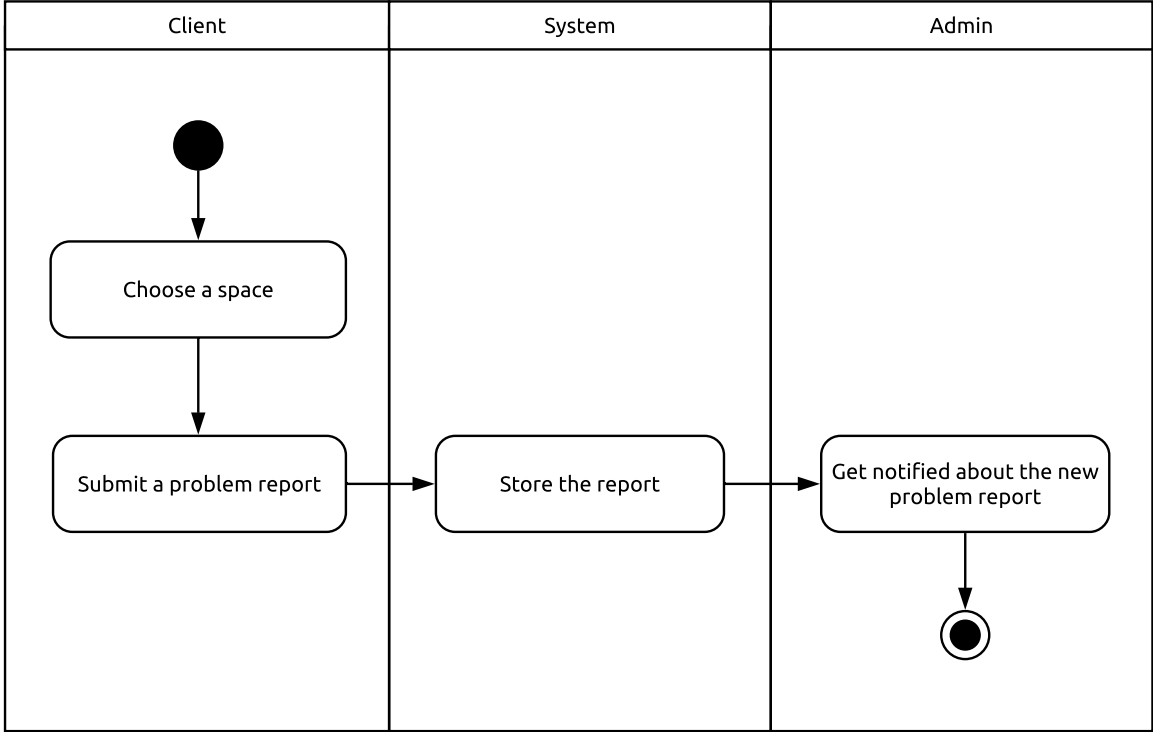
Search and browse spaces - Activity Diagram

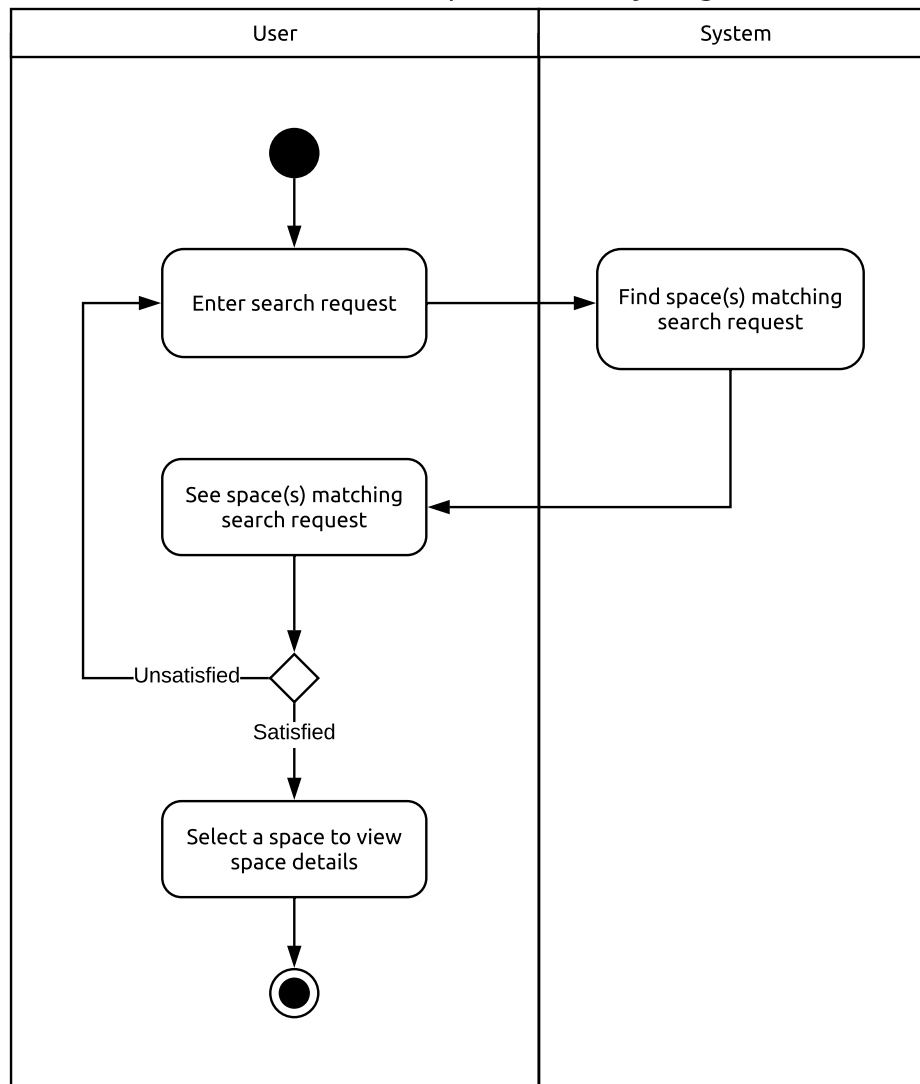| User	System

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:
- View pending requests
- Review a request

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

Client:
- Get notified that the request is rejected
- Get notified that the request is approved
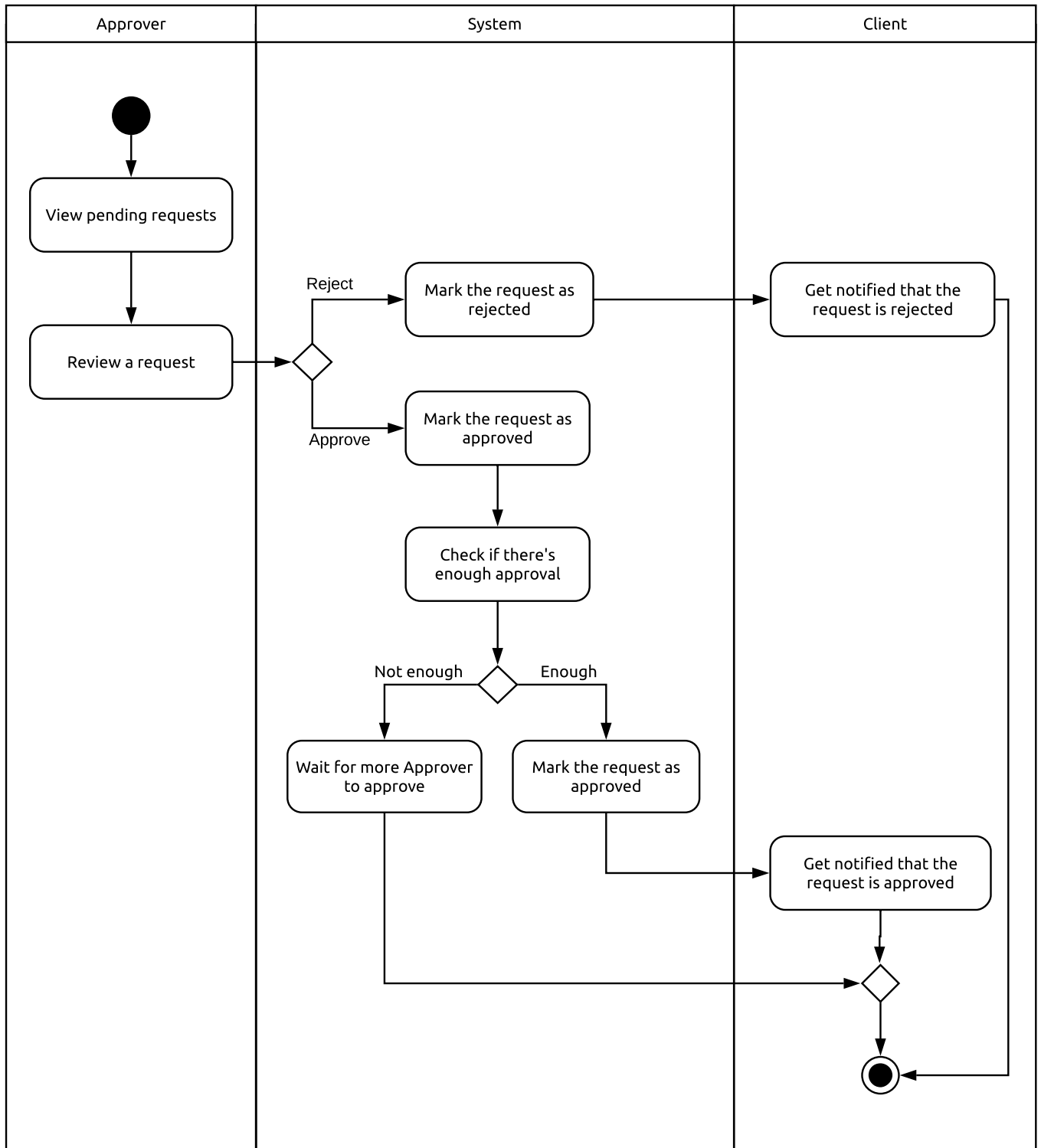
View a reported problem - Activity Diagram

Admin	System

Admin:

● (start)

View reported problems

Select a problem → Find the selected problem

See the selected problem ← (from Find the selected problem)

◉ (end)

Manage spaces - Activity Diagram

Admin	System

Admin:

● (start)

↓

Choose an action

↓

◇ (decision)

Add a space | Edit a space | Remove a space

↓

◇ (merge)

↓

Submit the action → Perform the action

Get notified about the action result ←

↓

◉ (end)
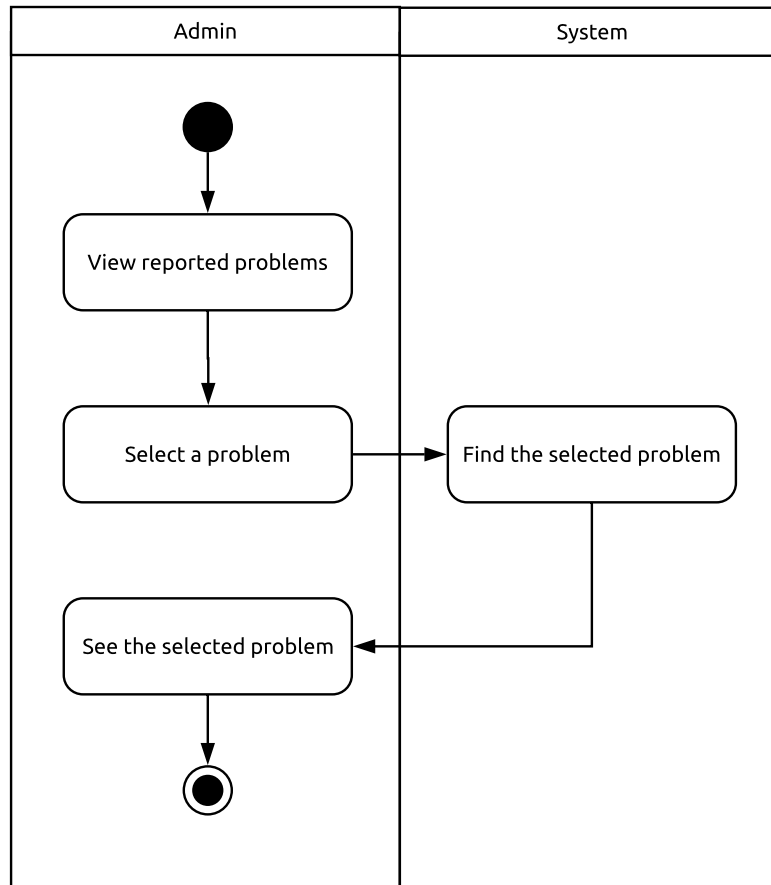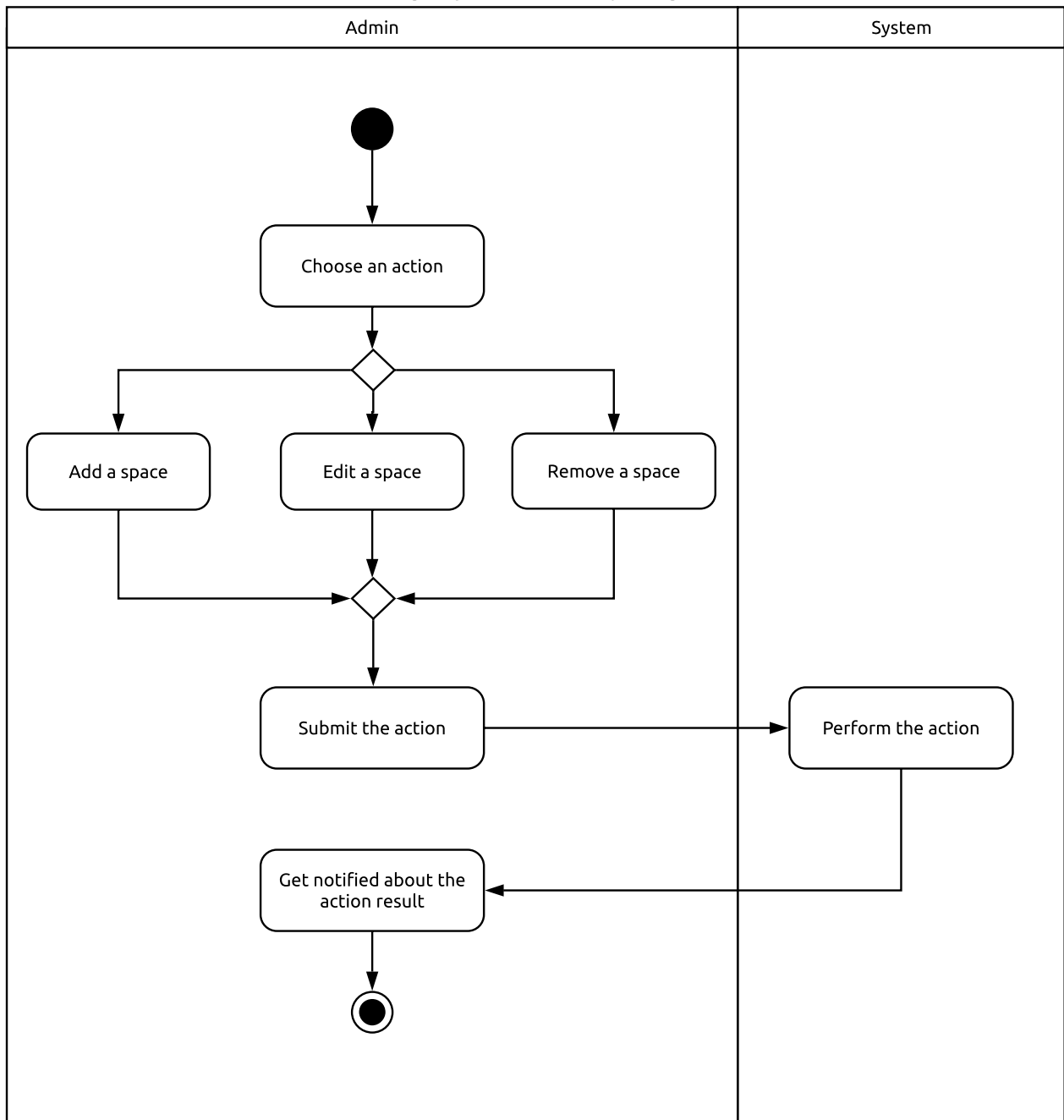
Manage roles - Activity Diagram

Admin	System

```
        ●
        │
        ▼
┌─────────────────┐
│ Choose an action│
└─────────────────┘
        │
        ▼
        ◇
   ┌────┼────┐
   ▼    ▼    ▼
┌──────┐┌──────┐┌──────────┐
│Add a ││Edit a││Remove a  │
│role  ││role  ││role      │
└──────┘└──────┘└──────────┘
   │    │    │
   └────◇────┘
        │
        ▼
┌─────────────────┐         ┌──────────────────┐
│ Submit the action│───────▶│ Perform the action│
└─────────────────┘         └──────────────────┘
                                      │
┌─────────────────┐                   │
│Get notified about│◀─────────────────┘
│the action result │
└─────────────────┘
        │
        ▼
        ◉
```
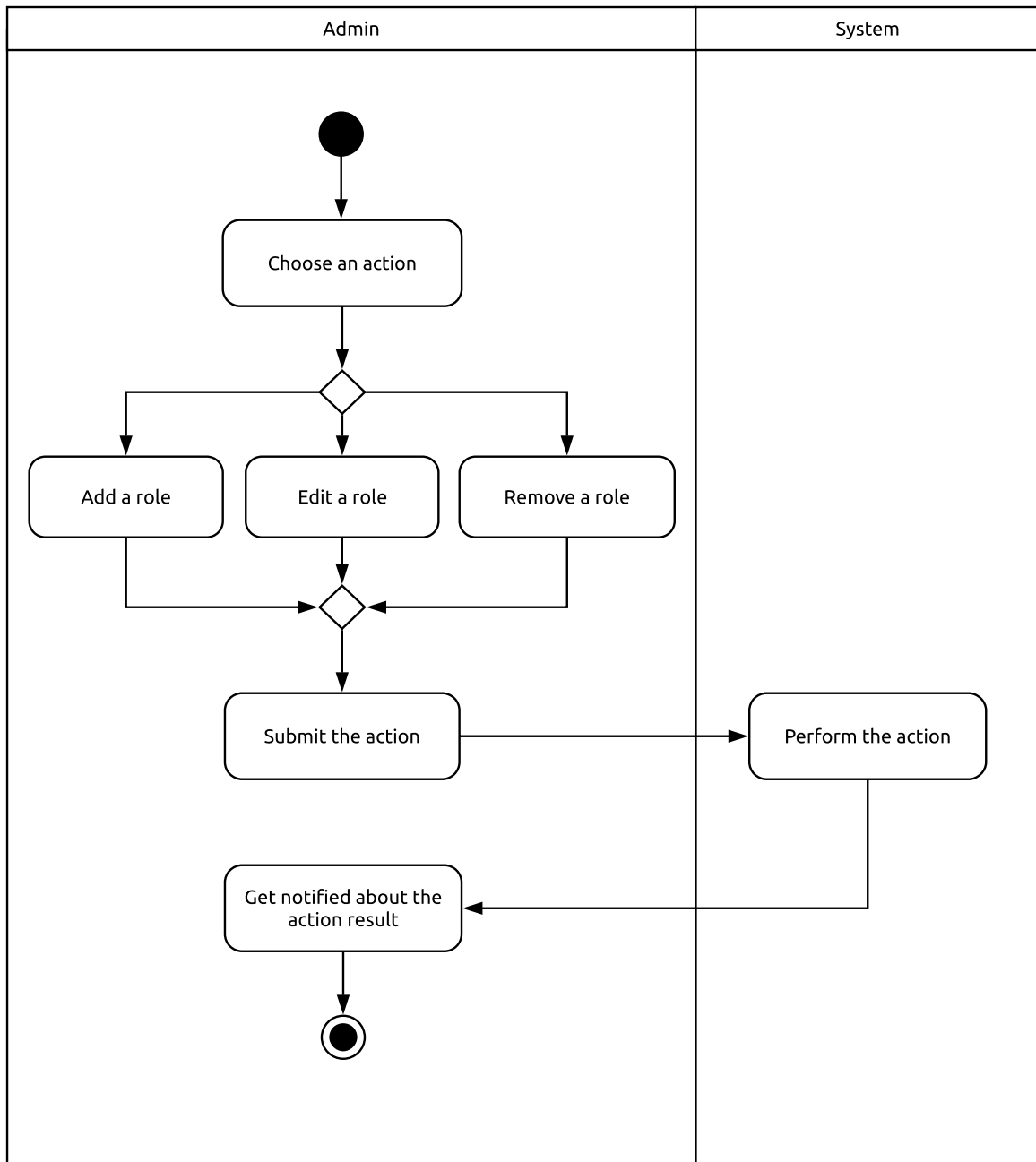
Manage users - Activity Diagram

Admin	System

Admin flow:

- (Start)
- View users
- Select an action to apply to a user
- (Decision)
  - Assign a role or permission(s) to the user
  - Remove the user
- (Merge)
- Submit the action → Perform the action
- Perform the action → Get notified about the action result
- Get notified about the action result
- (End)

System:

- Perform the action