# ID2207 HT23 Modern Methods in Software Engineering (50928)


## Homework 3 - Group 8
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## Requirements Analysis Document

### Use Case RequestReview:

**Identified entity objects**
- Client’s request information: information about the request provided by the client
- Financial Manager's feedback: feedback and comments from the financial manager based on the client’s request and estimated budget.
- Result of request: outcome of the request, either approved or rejected. This info is tracked by the system

**Identified boundary objects**
- Client’s Request form: form used by the customer service team to enter information about the client’s request
- Client's Request display: Interface which displays the form for entering infos about the client’s request to the customer service team
- Feedback form: form used by the financial manager to give feedback based on the client’s request and estimated budget
- Feedback display: Interface which displays the financial manager's feedback to the administration department manager

**Identified control objects**
- Manage requests control: possibility to manage incoming requests
- Message list control: possibility to manage incoming messages

**Use Case ManageApplicationStatus:**

**Identified entity objects**
- Application information: information about the event planning application, including the current status and details about the application

**Identified boundary objects**
- Login form: form used by the production manager to log into the SEP internal system
- Application dashboard: Interface which displays the applications for event planning to the production manager so that he can access and manage them
- Application status display: Interface which displays the details and current status of the event planning application
- Update application form: form used by the production manager to update the status of the event planning application

**Identified control objects**
- Manage application control: possibility to manage applications
- Manage application control: possibility to update the application status

**Use Case NegotiateBudget:**

**Identified entity objects**
- Budget Negotiation Request information: information about the production manager's or service manager's budget negotiation request, including budget issues

**Identified boundary objects**
- Budget request form: form used by the production manager or service manager to inform the financial manager about a need for budget adjustment
- Budget request display: interface which displays the budget negotiation request sent by the production manager or service manager to the financial manager.

**Identified control objects**
- Manage budget control: possibility to manage budget
- Request list control: Overview of budget requests

**Use Case PlanSchedule:**

**Identified entity objects**

- Application information: information about the application, including a list of the tasks and activities connected to the event. It also includes information about the tasks, activities, and staff assignments.
- Staff members schedule information:
- Task assignments info:
- Budget changes info:

**Identified boundary objects**

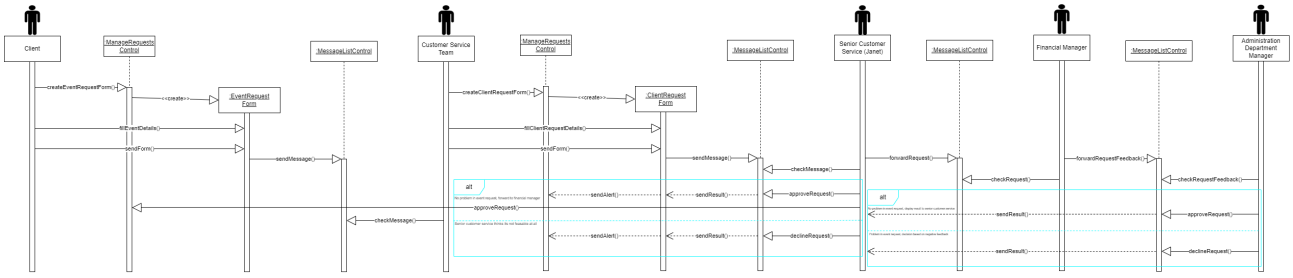
- Application display: interface which shows information about the application, including a list of the tasks and activities connected to the event. It also includes information about the tasks, activities, and staff assignments.
- Request staff form: form used by department manager to inform HR team about a need for additional staff resources due to scheduling conflicts or resource shortages
- Budget request form: form used by department manager to inform the financial manager about a need for additional financial resources that tasks require

**Identified control objects**

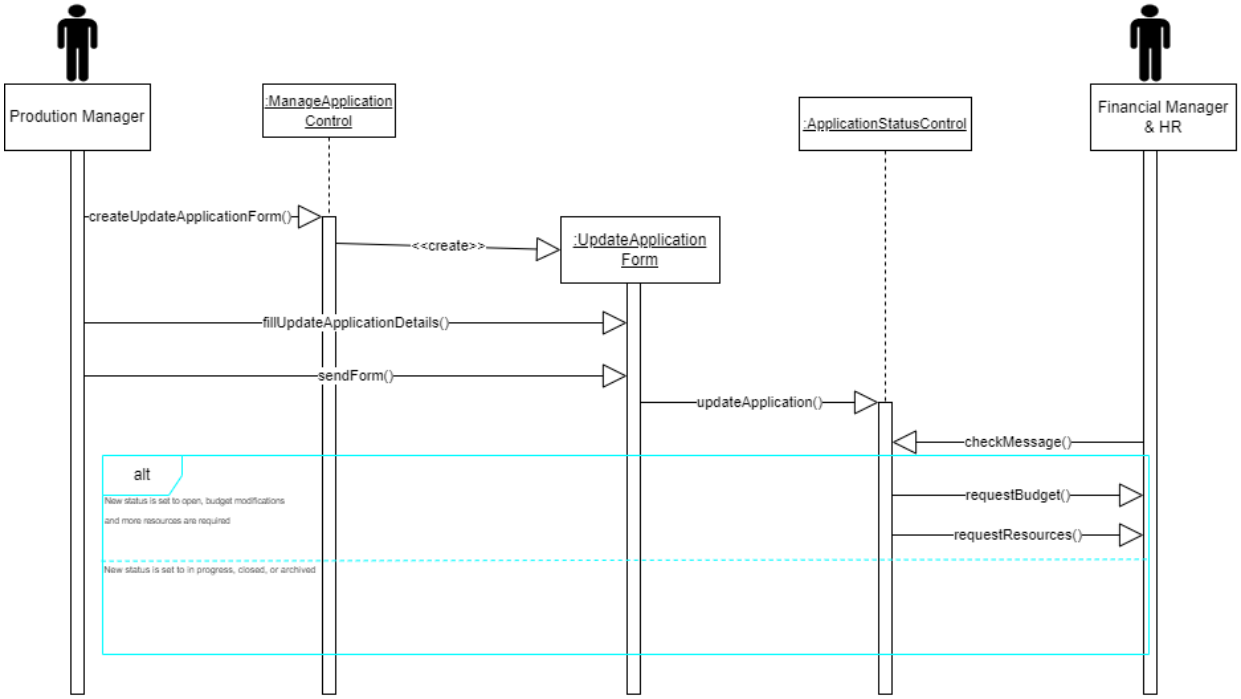
- Manage staff/budget control: possibility to manage staff/budget
- Request list control: Overview of staff/budget requests

**Sequence diagrams for major use cases**

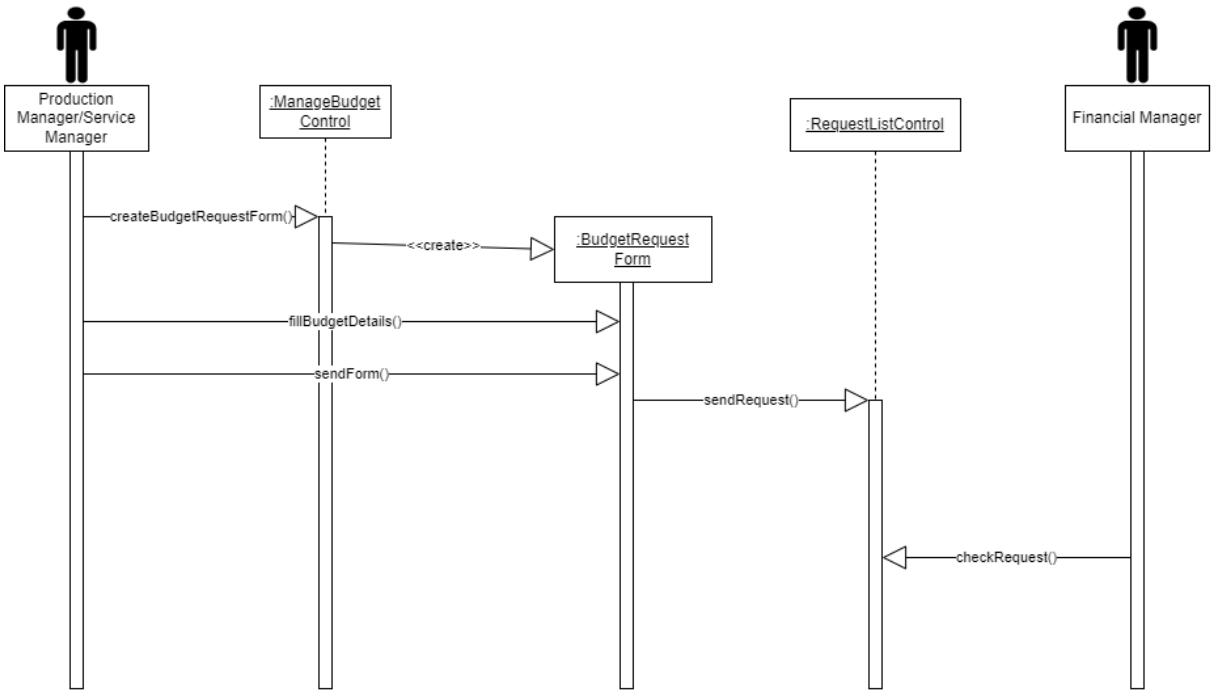
**Use Case RequestReview**



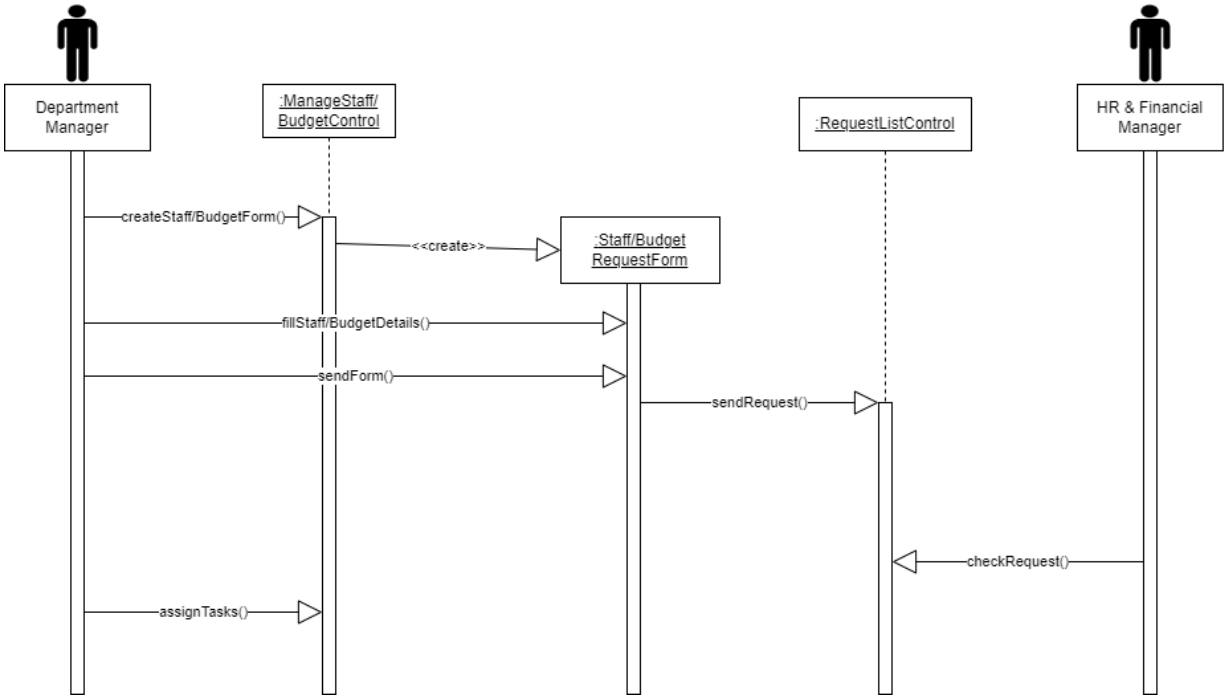
## Use Case ManageApplicationStatus




## Use Case NegotiateBudget

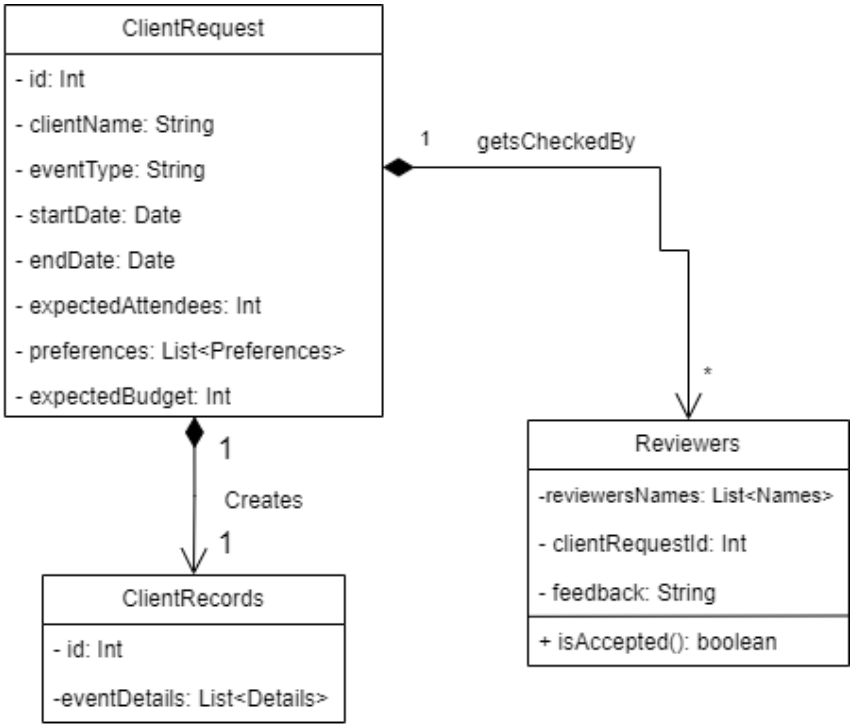


## Use Case PlanSchedule

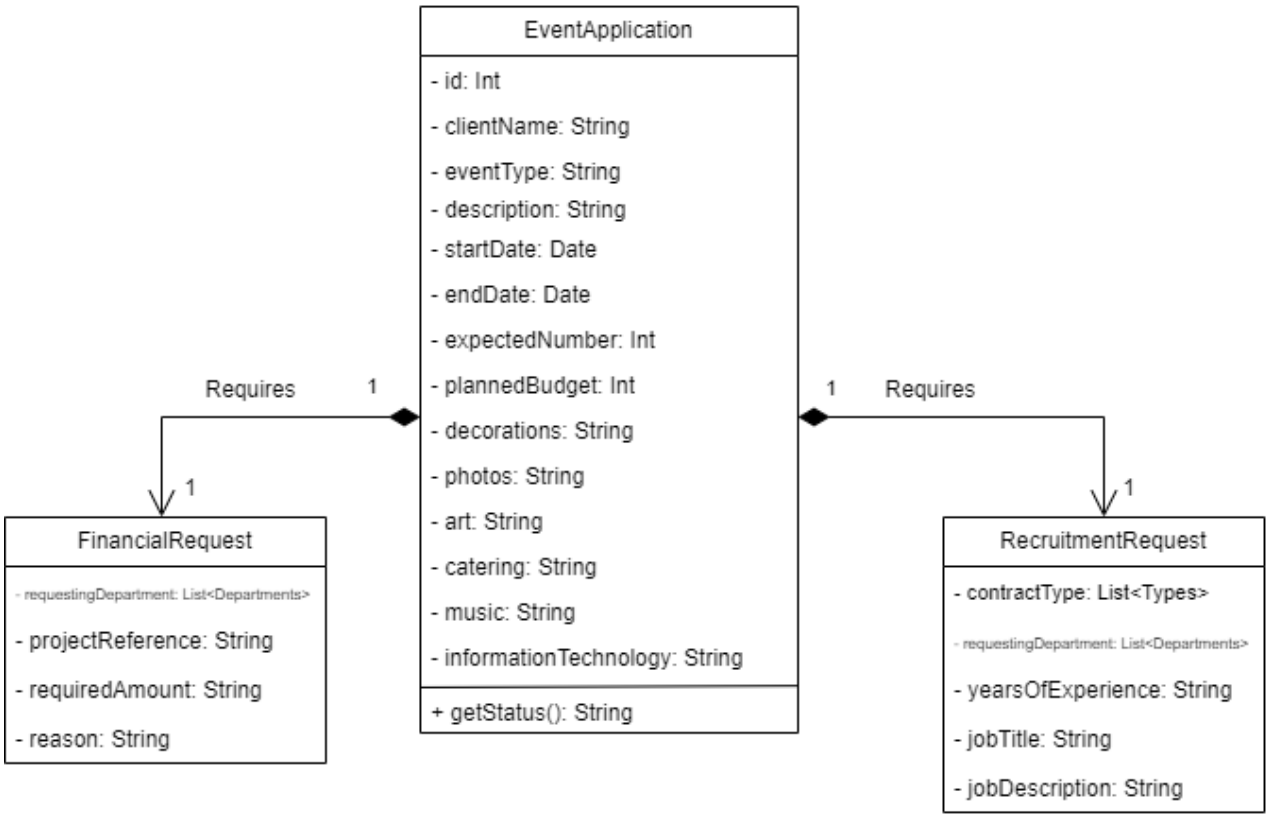



## UML class diagrams for major use cases

## Use Case RequestReview



## Use Case ManageApplicationStatus

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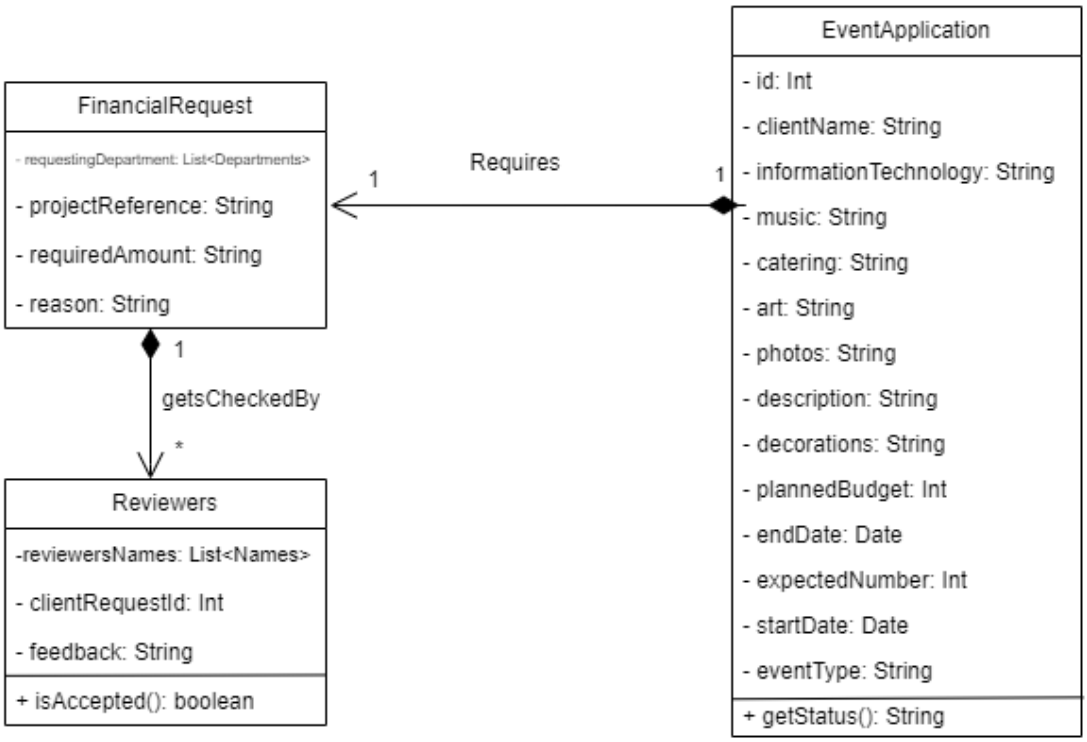
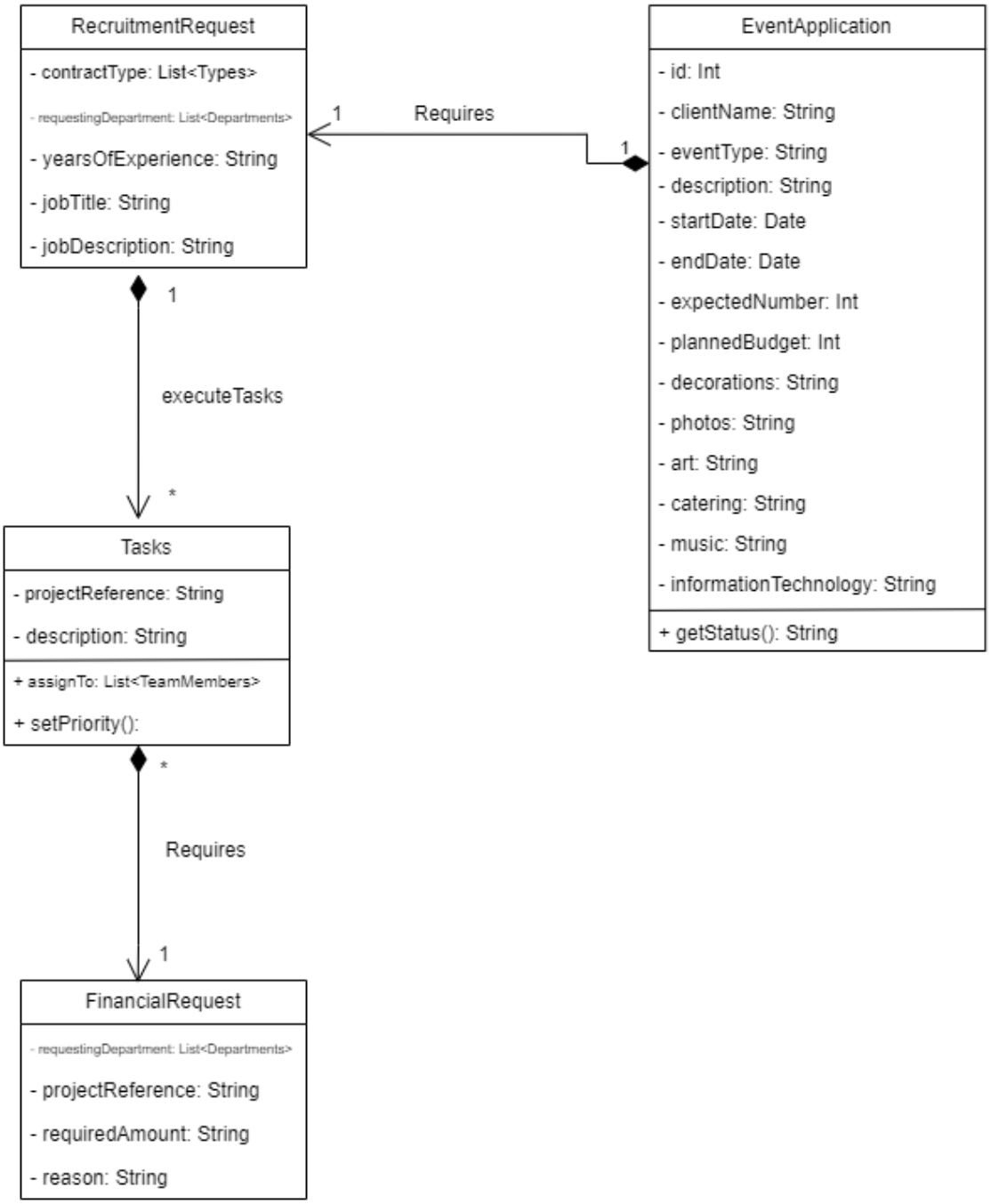
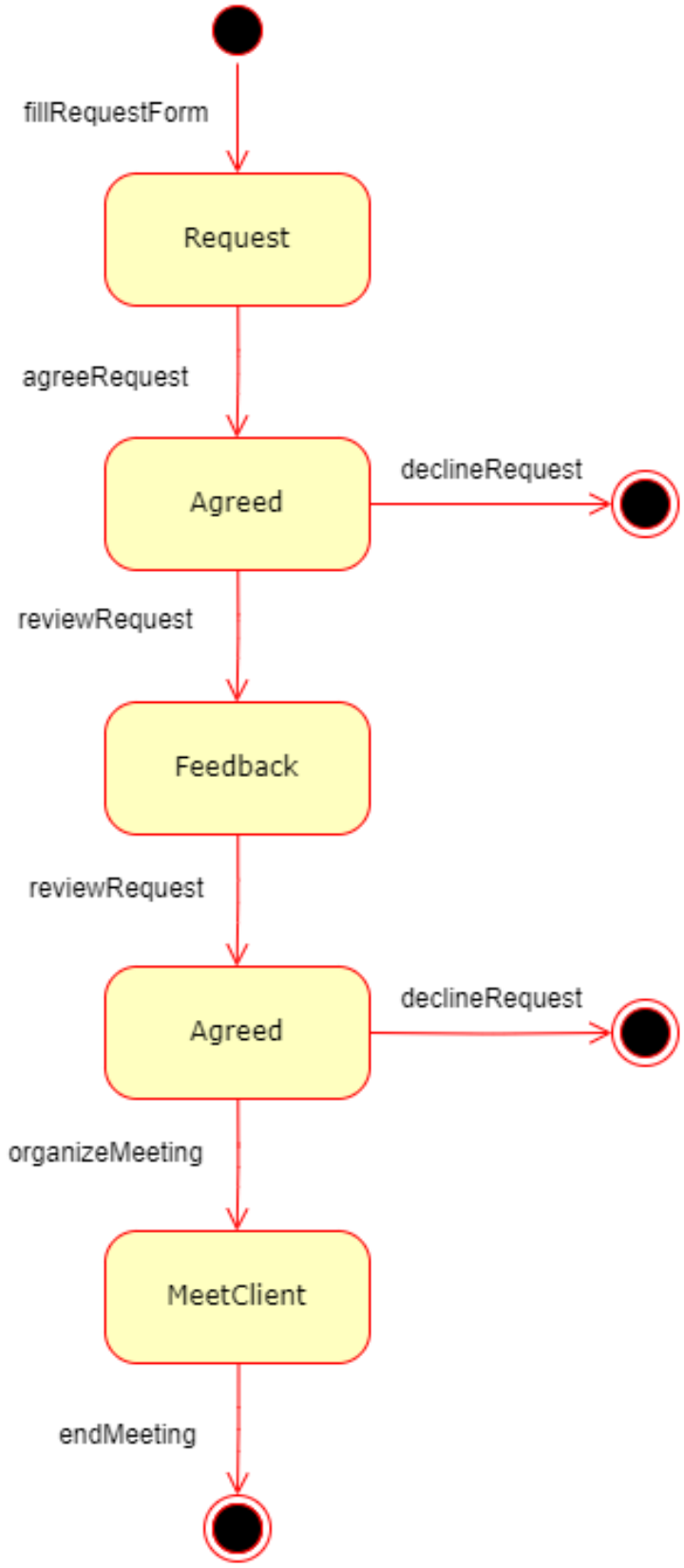


## Use Case PlanSchedule

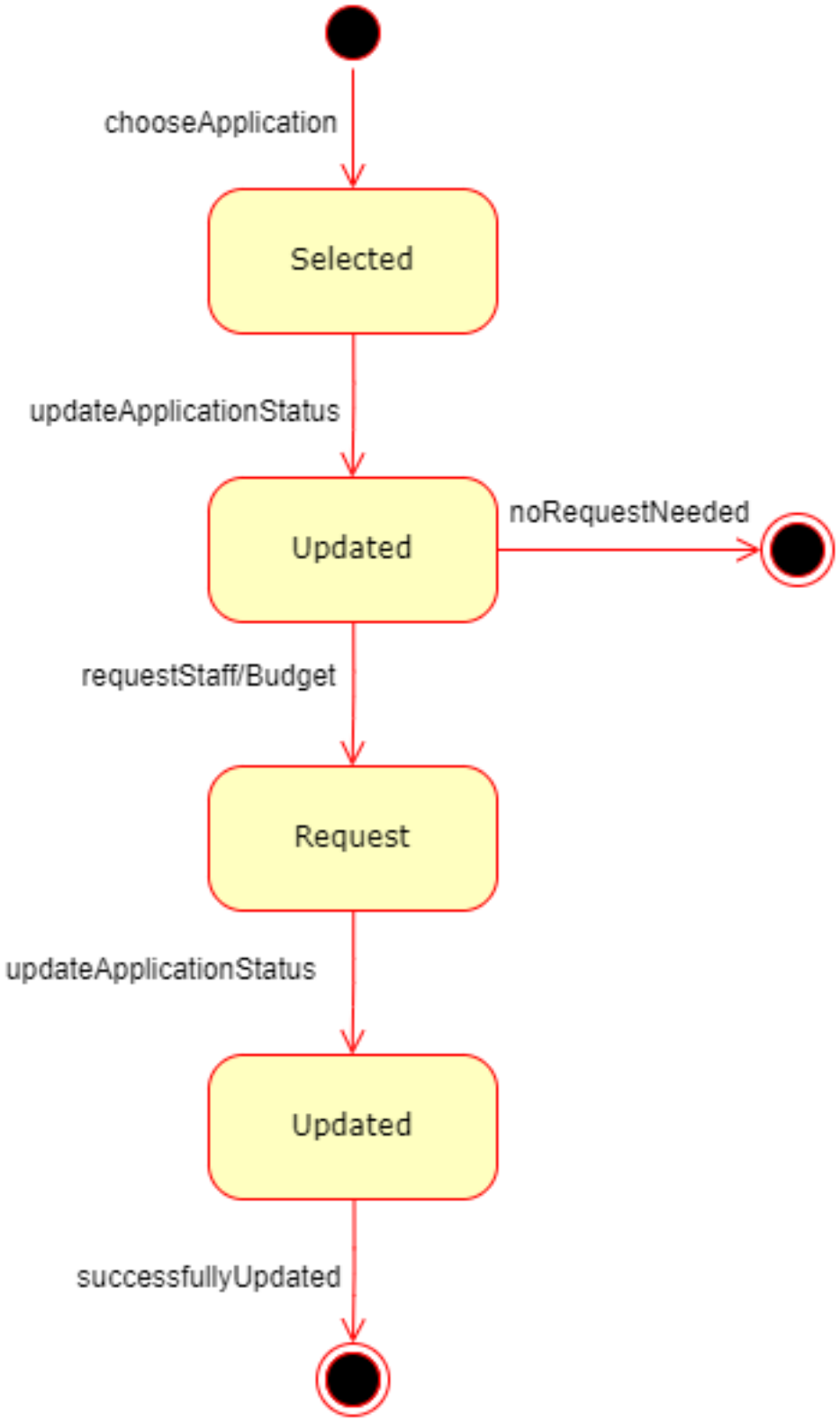


## Chart diagrams for major use cases

## Use Case RequestReview



**Use Case ManageApplicationStatus**



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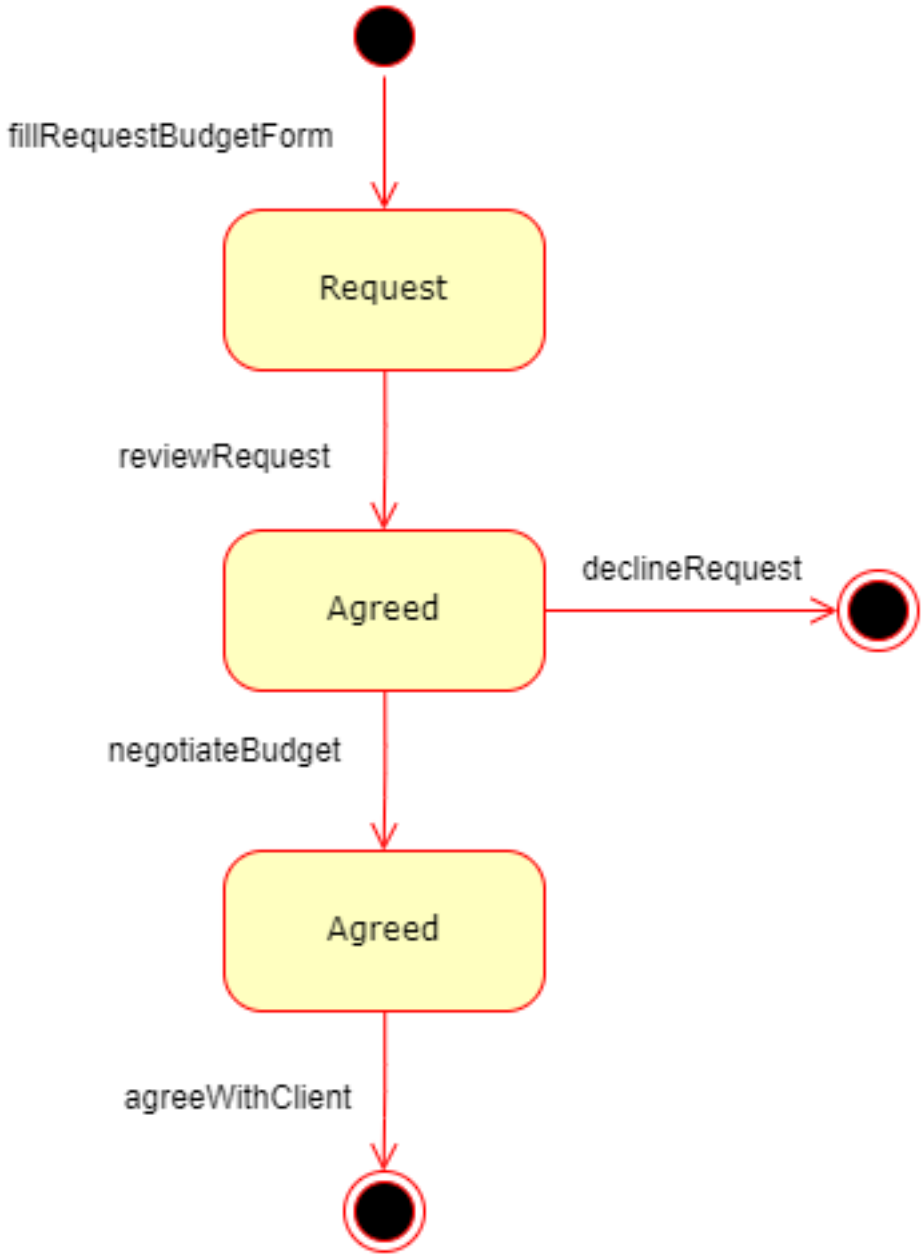
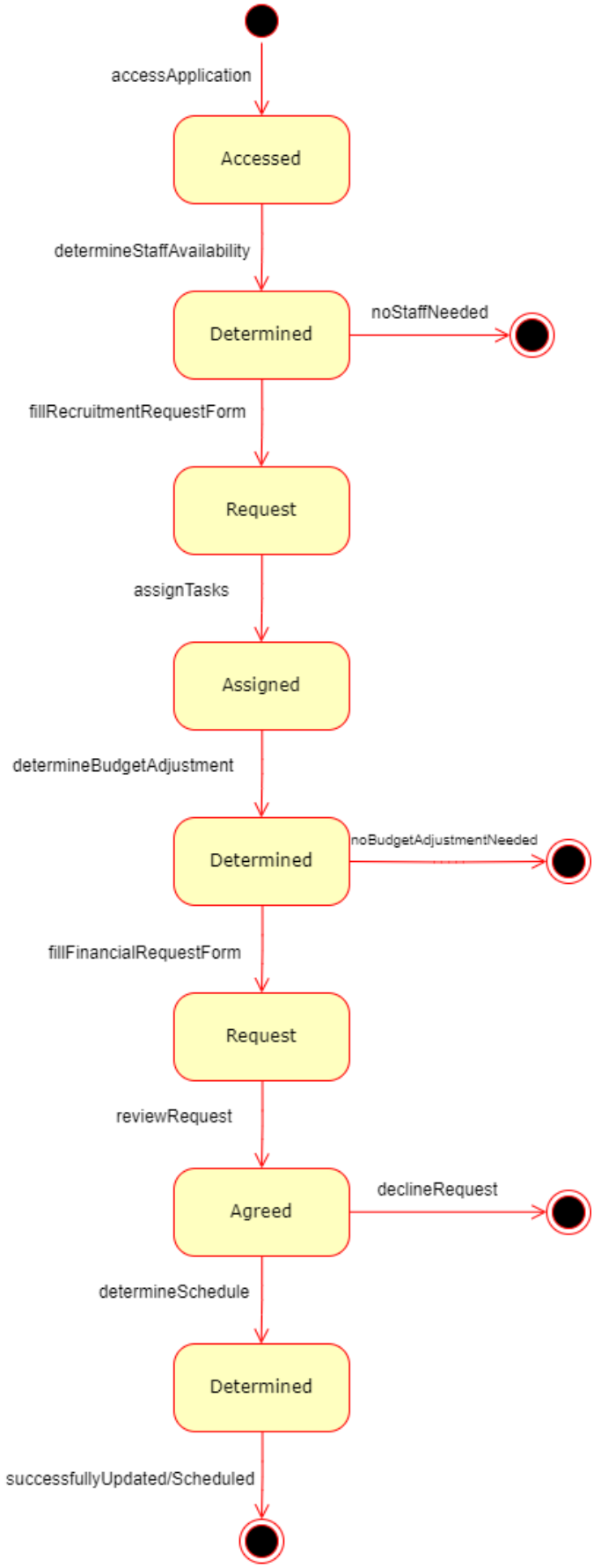
## Use Case PlanSchedule