

COS 301 ASSIGNMENT  
GROUP 5 B



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# **1 Introduction**

Fill in later...

# **2 Vision**

Fill in later...

# **3 Background**

1. List example
2. List example
3. List example
4. List example
5. List example

# **4 Architecture requirements**

## **4.1 Access channel requirements**

Fill in later...

## **4.2 Quality requirements**

Fill in later...

## **4.3 Integration requirements**

Fill in later...

## **4.4 Architecture constraints**

Fill in later...

## **5 Functional requirements and application design**

### **5.1 Use case prioritization**

#### **5.1.1 Critical**

- Login
- Logout
- Post
- Thread
- Buzz Space
- User Management

#### **5.1.2 Important**

- Search
- Voting
- Notifications

#### **5.1.3 Nice to Have**

- Request
- Voting

### **5.2 Use case/Services contracts**

#### **5.2.1 Login**

Pre-Conditions :

- Must not be logged in.

Post-Conditions :

- If login succesful, user will be logged in.
- If login failed. user will be asked to resubmit

### 5.2.2 Logout

Pre-Conditions :

- Must be logged in.

Post-Conditions :

- User is logged out.

### 5.2.3 CreatePost

Pre-Conditions :

- Must be logged in.
- A thread should exist.

Post-Conditions :

- Post is created.



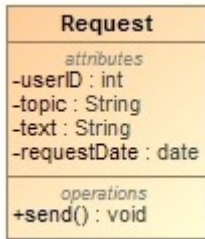
### 5.2.4 Request

Pre-Conditions :

- Must be logged in.

Post-Conditions :

- Request is sent.



### 5.2.5 Thread

Pre-Conditions :

- Only Authorised persons may use this functionality
- Buzz Space needs to exist No such thread sould already exist

Post-Conditions :

- A new Thread now exists under which people can create posts

### 5.2.6 Voting

Pre-Conditions :

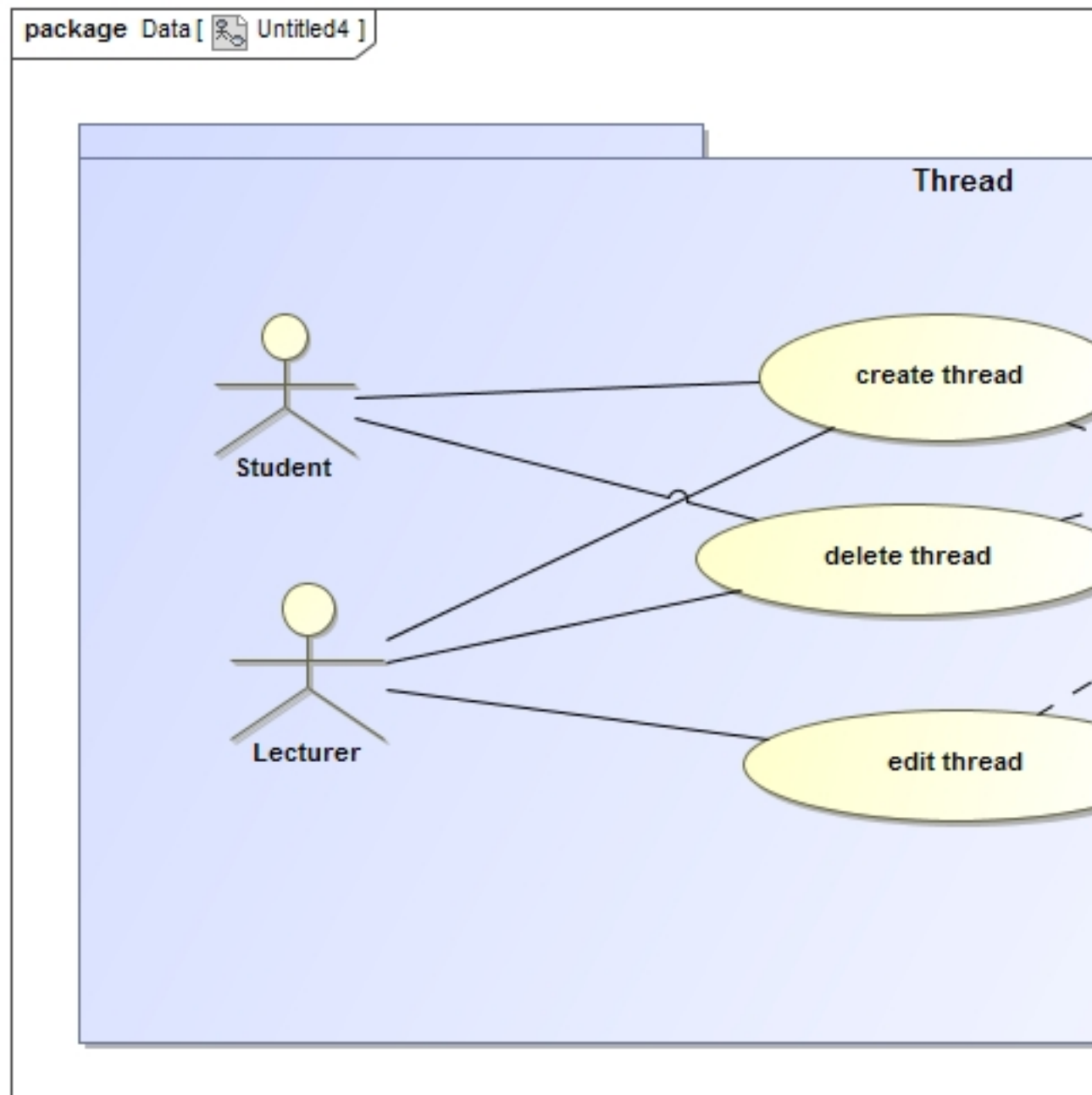
- Must not be logged in.
- User has not yet voted

Post-Conditions :

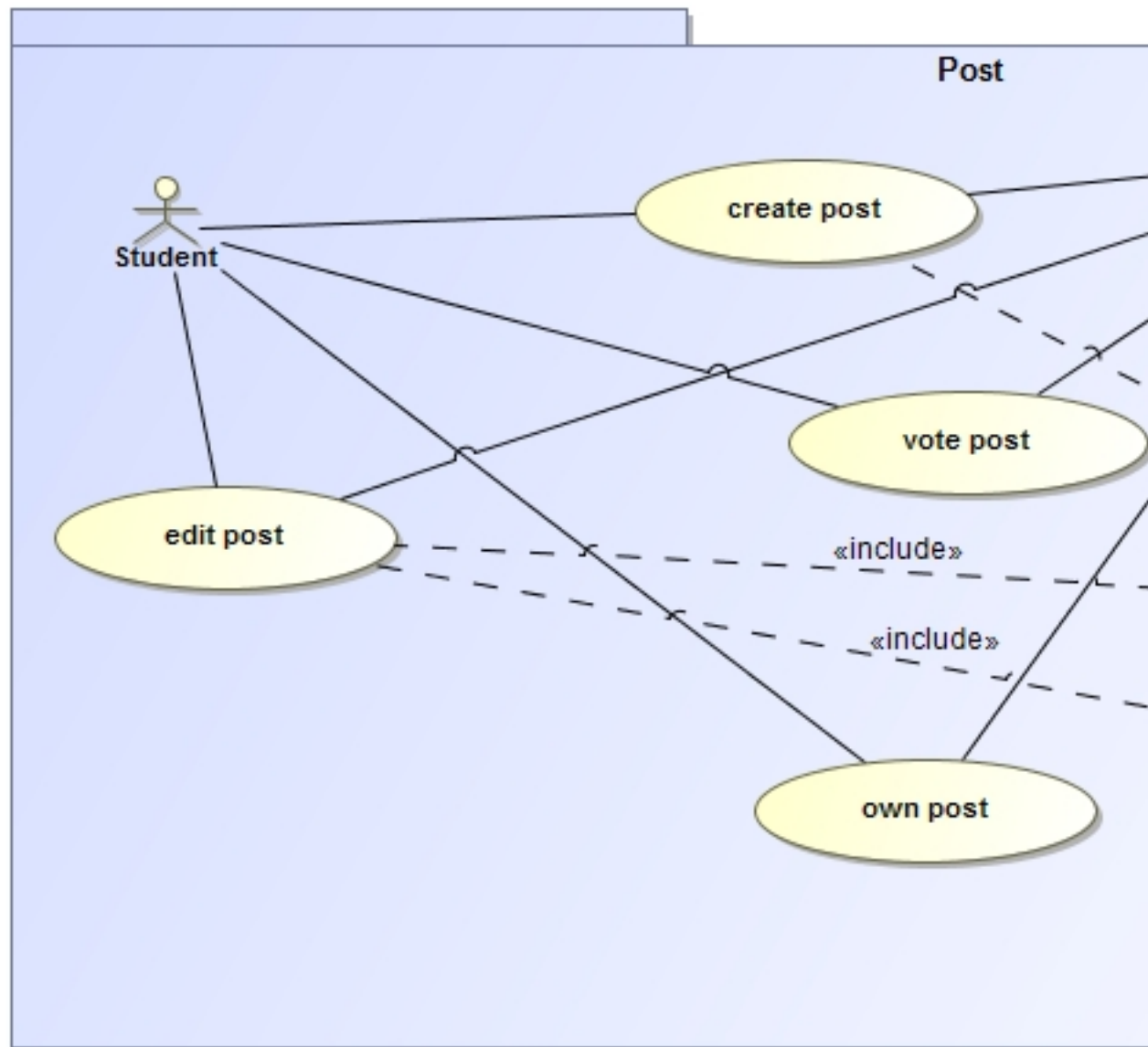
- User voted

## 5.3 Required functionality

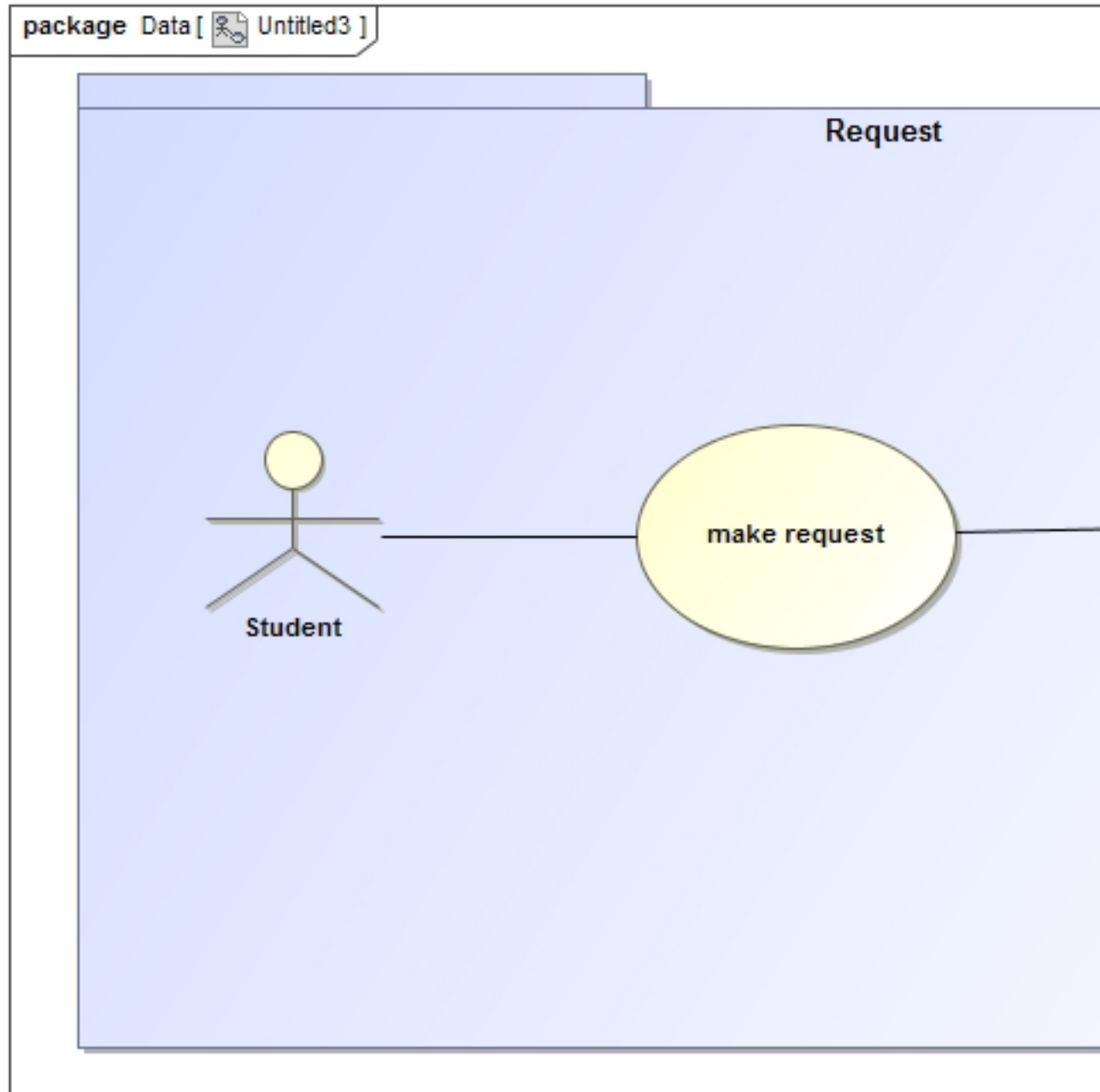
Use case diagram for a thread



Use case diagram for a post



Use case diagram for a request





## **5.4 Process specifications**

Put words here...

## **5.5 Domain Model**

Put words here...