

# Software Engineering Lab 3

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## Course Assignment 2

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- Each team identifies N requirements and derives N use cases (N=#team members). Each team member is responsible for one requirement and use cause.
- Give the traceability matrix of these N requirements and N use cases
- For each use case, give (1) use case diagram, (2) use case schema, (3) acceptance test, (4) system sequence diagram

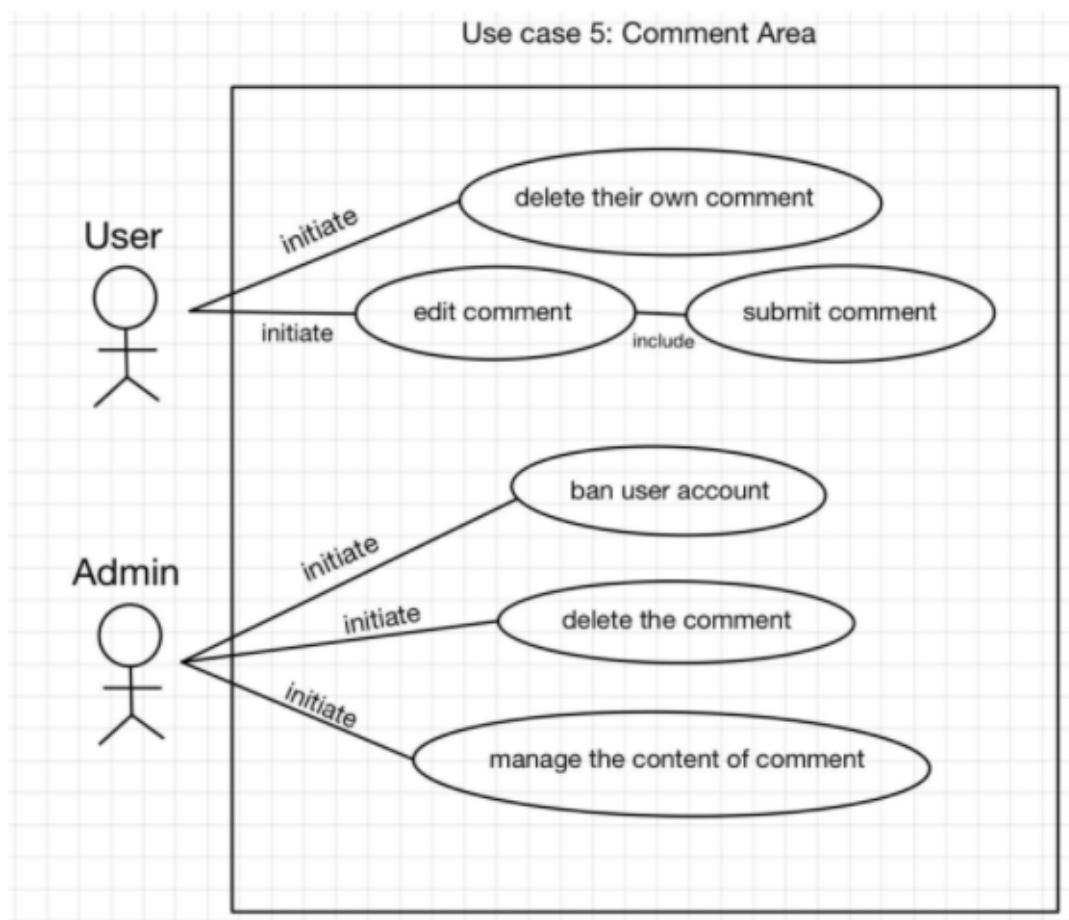
Deadline: 4/4 (7pm, Sunday) ; 提交格式: docx /pptx (自己保留源文件)

以小组为单位提交, 一个文件, 请放在 docs/ 下面

请注明具体哪位同学负责完成哪个 requirement/use case (列一个table)

#### 五、苏建锐

(1) use case diagram



(2) use case schema

<b>Use Case UC-5</b>	Comment Area
<b>Related Requirements</b>	Text box for entering comments, Ability to submit comments, Comments sorted by time/hotness, etc.
<b>Initiating Actor</b>	Users, Administrator
<b>Actor's Goal</b>	<b>Users:</b> using the comment area to submit comments; <b>Administrator:</b> Manage the content of comment, delete the comment, Disable the comment function of the account, ect.
<b>Participating Actors</b>	Users, Administrator, Database
<b>Preconditions</b>	Comment area & Submit button
<b>Postconditions</b>	Mutiple comments in list form
<b>Flow of Events for Main Success Scenario</b>	
→	1. User enter a comment in the text box and click submit buttom
←	2. Comment request was sent to database, showing in the comment area
←	3. User can see their comment in the area.

(3) acceptance test

<b>Test-case Identifier</b>	TC-5
<b>Use Case Tested</b>	UC-5
<b>Pass/Fail Criteria</b>	Pass: User can sucessfully use a the comment funtion. & Admin can use their oermissions Fail: On the contrary.
<b>Input Data</b>	Some User accounts and a admin account, using comment area.
<b>Test Procedure</b>	<b>Expected Result</b>
<b>Step 1:</b> user account using the comment area to edit comments and submit.	user account can see their comment in the area, and also the others.
<b>Step 2:</b> Using Admin account to ban the user account.	the banned user account can not using the somment funtion.
<b>Step 3:</b> Using admin account to delete the comment.	Deleted comments will no longer appear in the comments area.

(4) system sequence diagram

