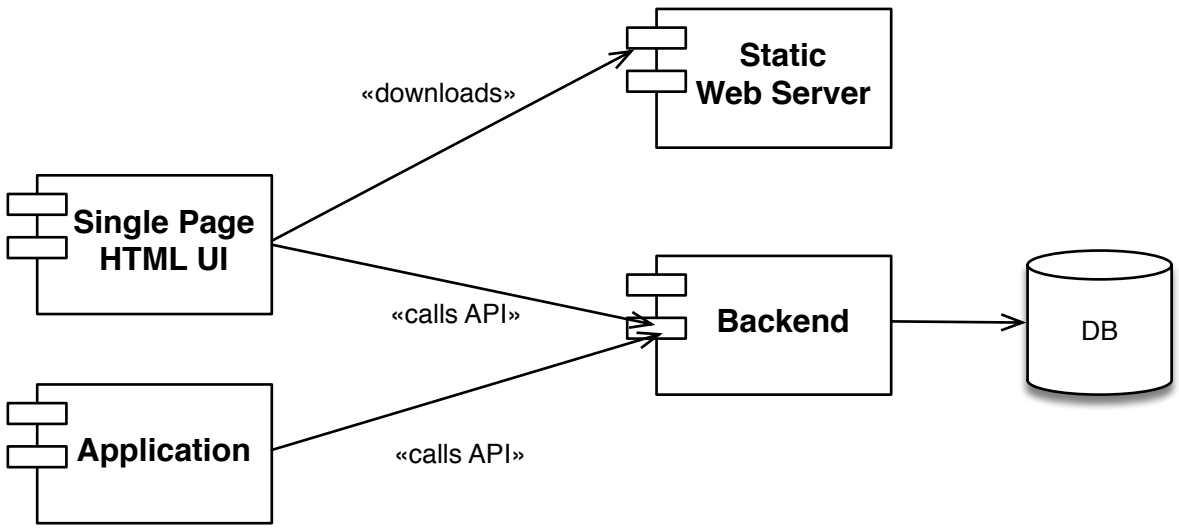
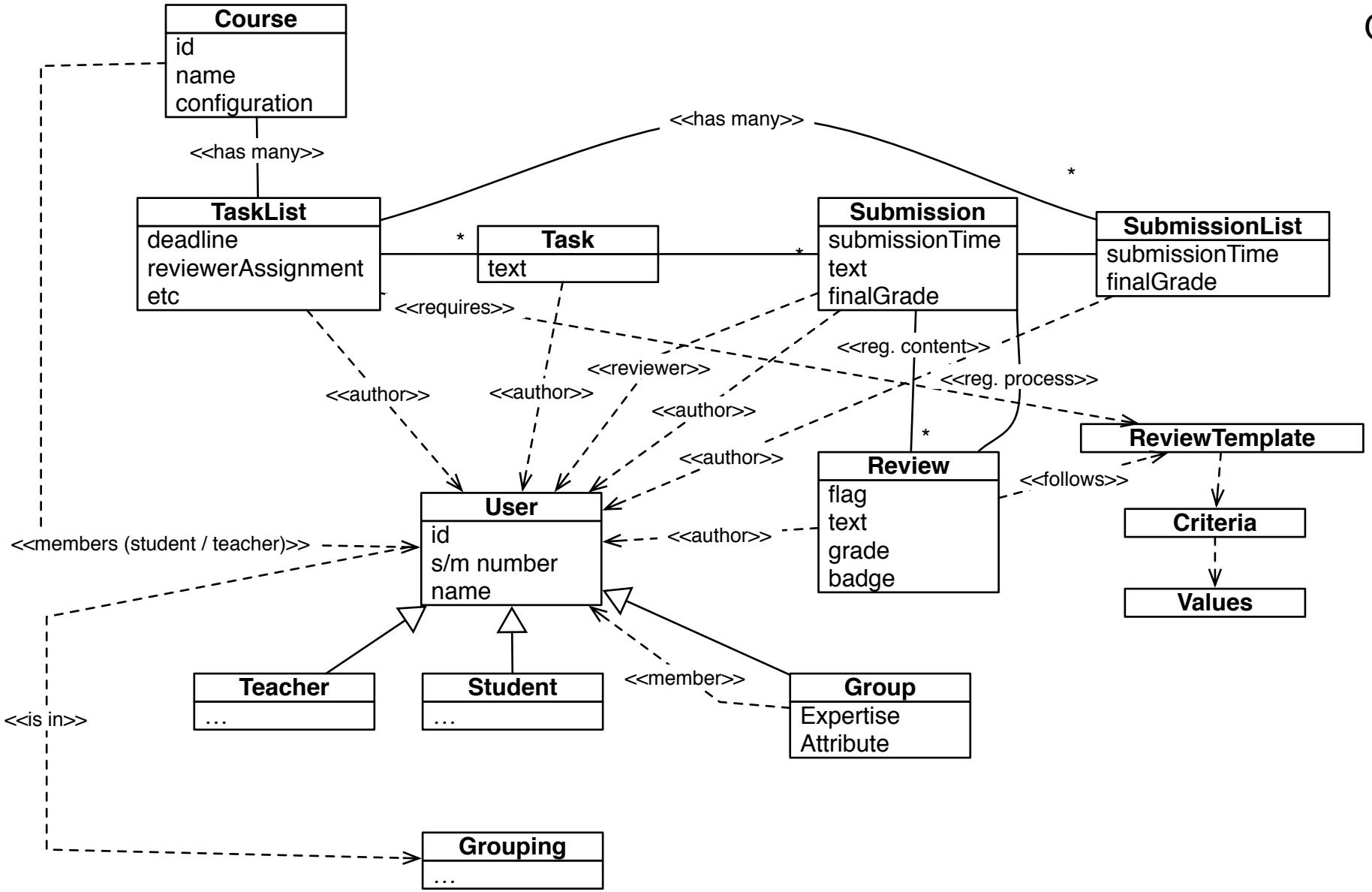
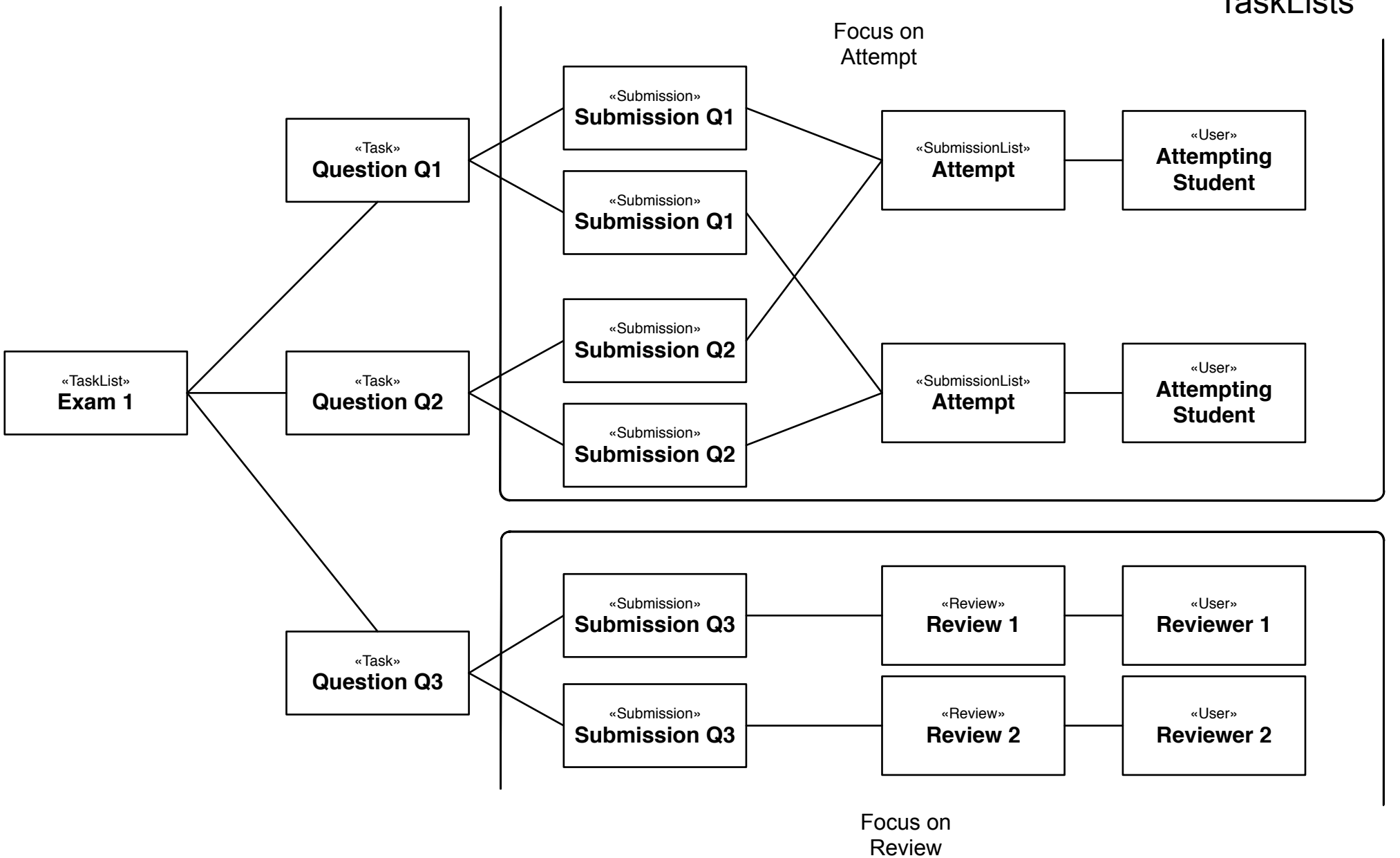
Basic Architecture



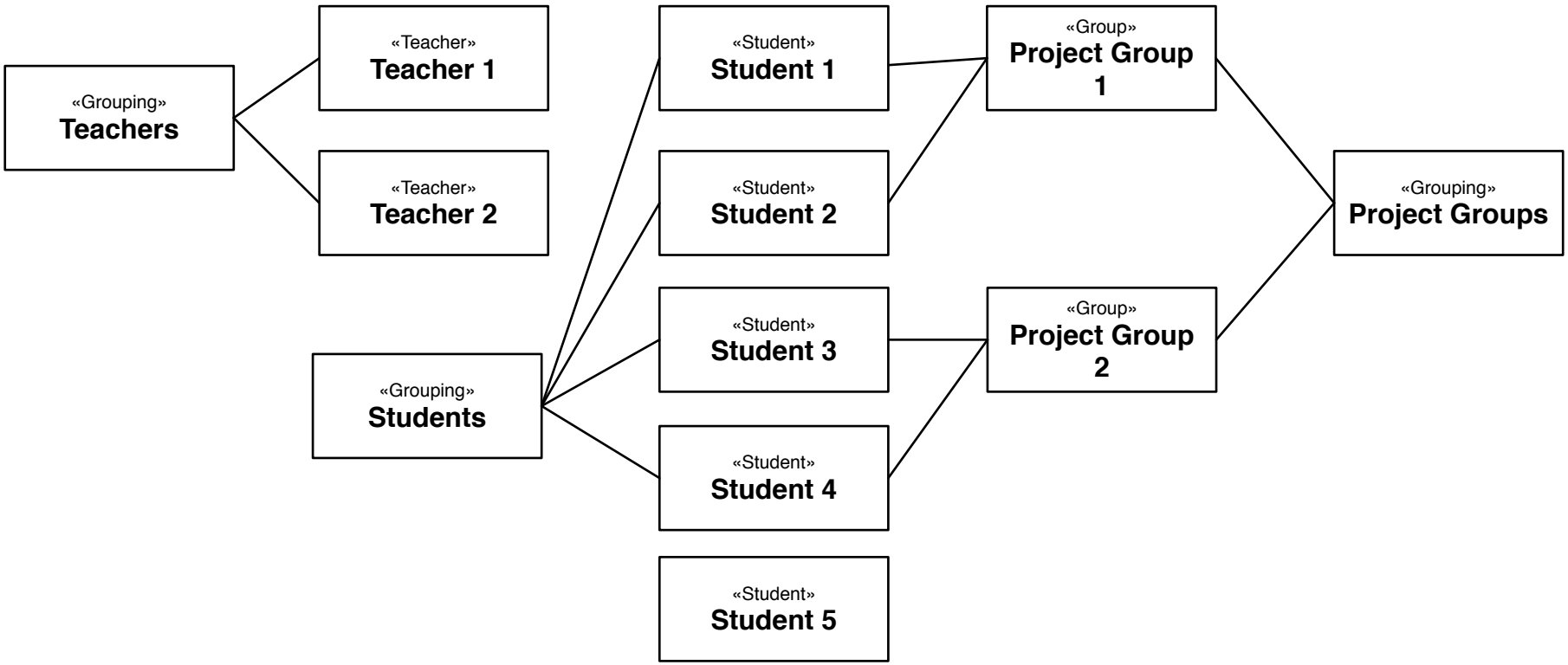
Overview


Course
id
name
configuration
<<has many>>
<<has many>>
TaskList
deadline
reviewerAssignment
etc
*
Task
text
*
Submission
submissionTime
text
finalGrade
*
SubmissionList
submissionTime
finalGrade
<<requires>>
<<reg. content>>
<<reg. process>>
<<reviewer>>
<<author>>
<<author>>
<<author>>
<<author>>
<<author>>
*
ReviewTemplate
Review
flag
text
grade
badge
<<follows>>
Criteria
Values
User
id
s/m number
name
<<members (student / teacher)>>
<<is in>>
Teacher
…
Student
…
<<member>>
Group
Expertise
Attribute
Grouping
…

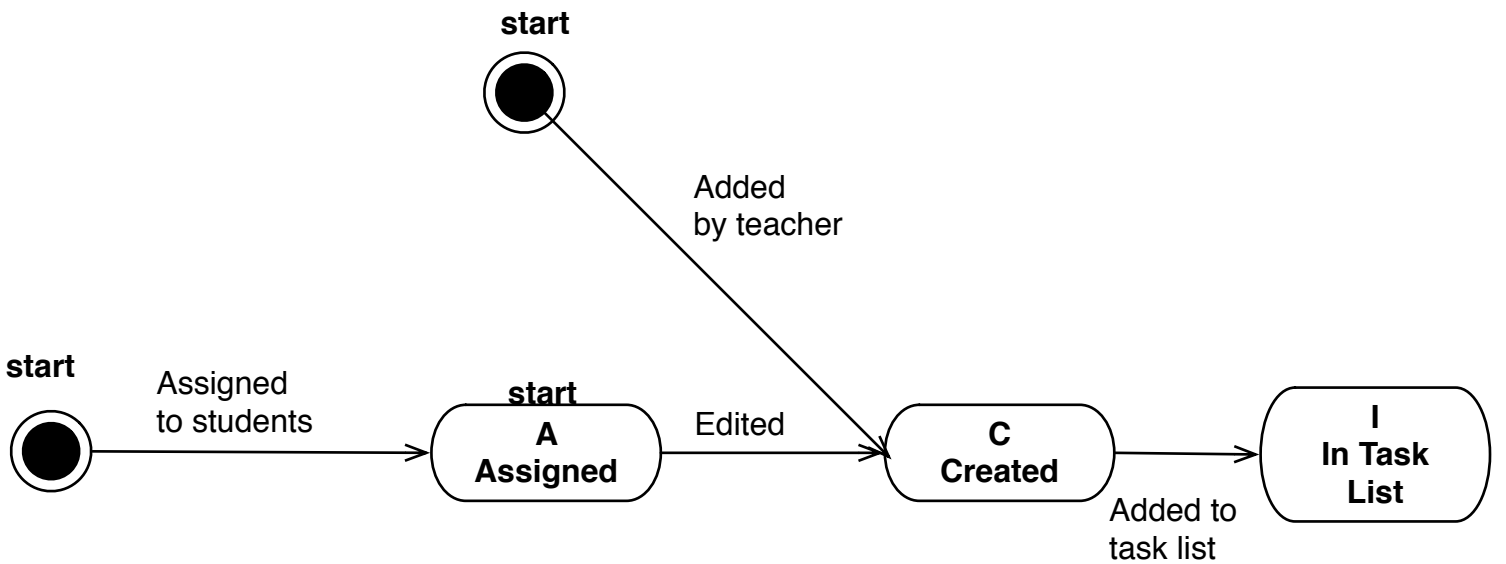
Instance Diagram
TaskLists

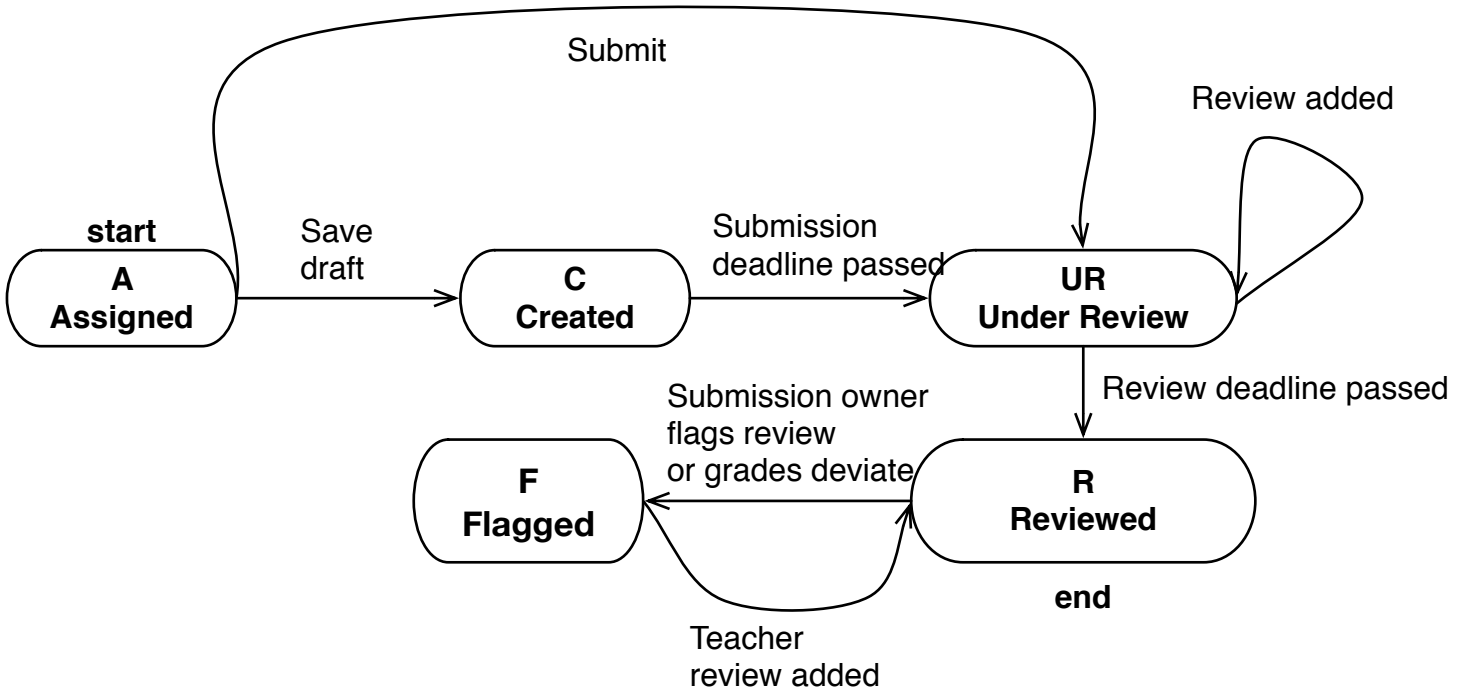


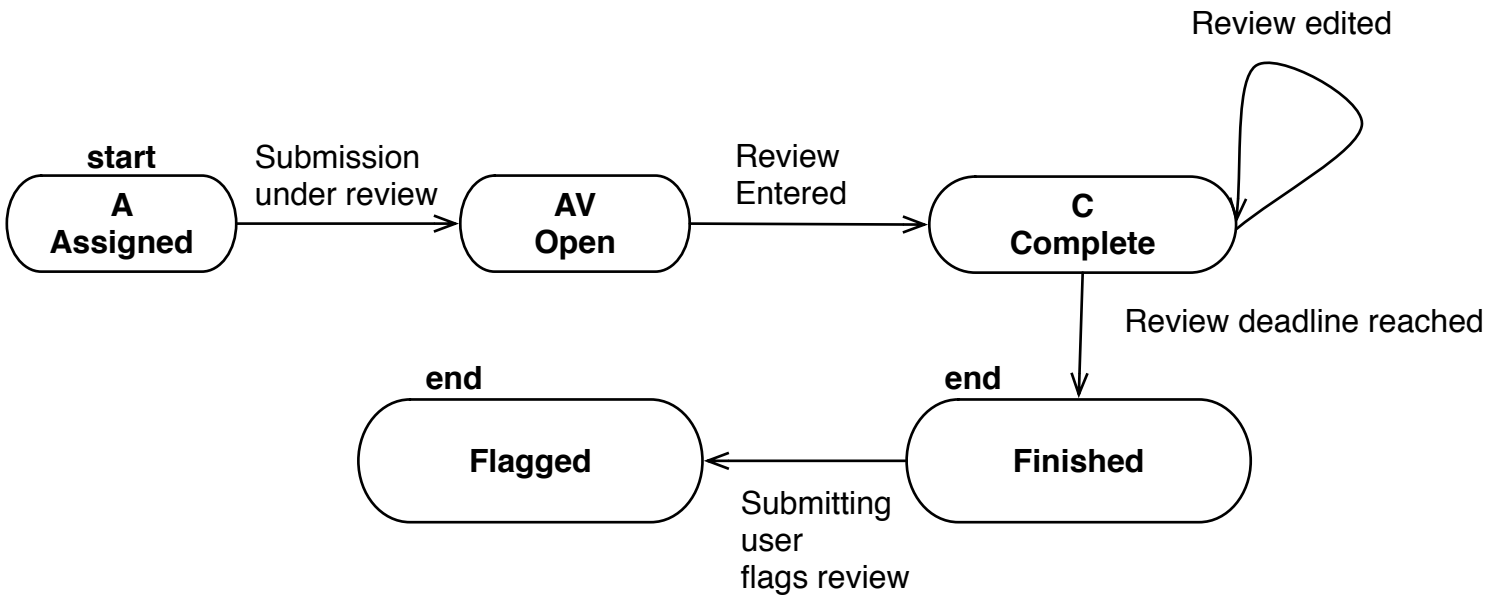
Instance Diagram
Users



Task States


start
Added
by teacher
start
Assigned
to students
start
A
Assigned
Edited
C
Created
I
In Task
List
Added to
task list


Submit
Review added
start
A
Assigned
Save
draft
C
Created
Submission
deadline passed
UR
Under Review
Review deadline passed
Submission owner
flags review
or grades deviate
F
Flagged
R
Reviewed
end
Teacher
review added


Review edited
start
A
Assigned
Submission
under review
AV
Open
Review
Entered
C
Complete
Review deadline reached
end
Flagged
end
Finished
Submitting
user
flags review

Teachers only

Title | My Tasks | My Submissions | My Reviews | Settings | Task LIsts | All submissions | Review templates

#	Task	Status info	Actions
1	Task 1		
2	Task 2		
3	Task 3	Edit	
4	Task 4		
5	Task 5		

Home Page
My tasks

Title | My Tasks | My Submissions | My Reviews | Settings | Task LIsts | All submissions | Review templates

Task List X

Submission deadline:

#	For Task	Created At	Grade	Actions
1	Task 1	Created: etc	Grade	Create / Edit
2	Task 2			
3	Task 3			
4	Task 4			
5	Task 5			

Task List Y

...

Home Page / Submissions

Title | My Tasks | My Submissions | My Reviews | Settings | Task LIsts | All submissions | Review templates

Teachers only

Task List X

Review deadline:

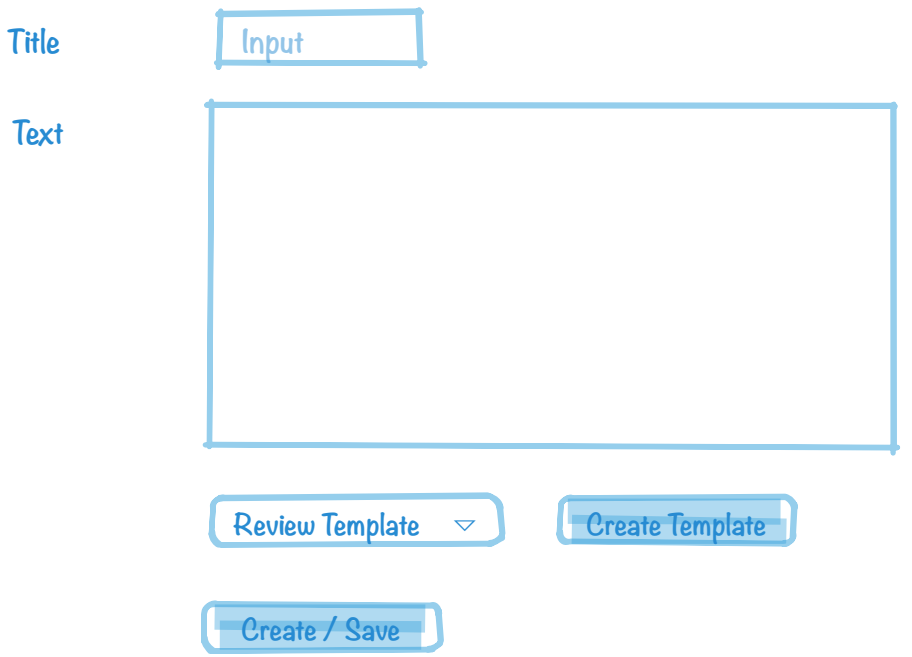
#	For Task	User	Actions
1	Task 1	Acronym	Create / Edit
2	Task 2		
3	Task 3		
4	Task 4		
5	Task 5		

Task List Y

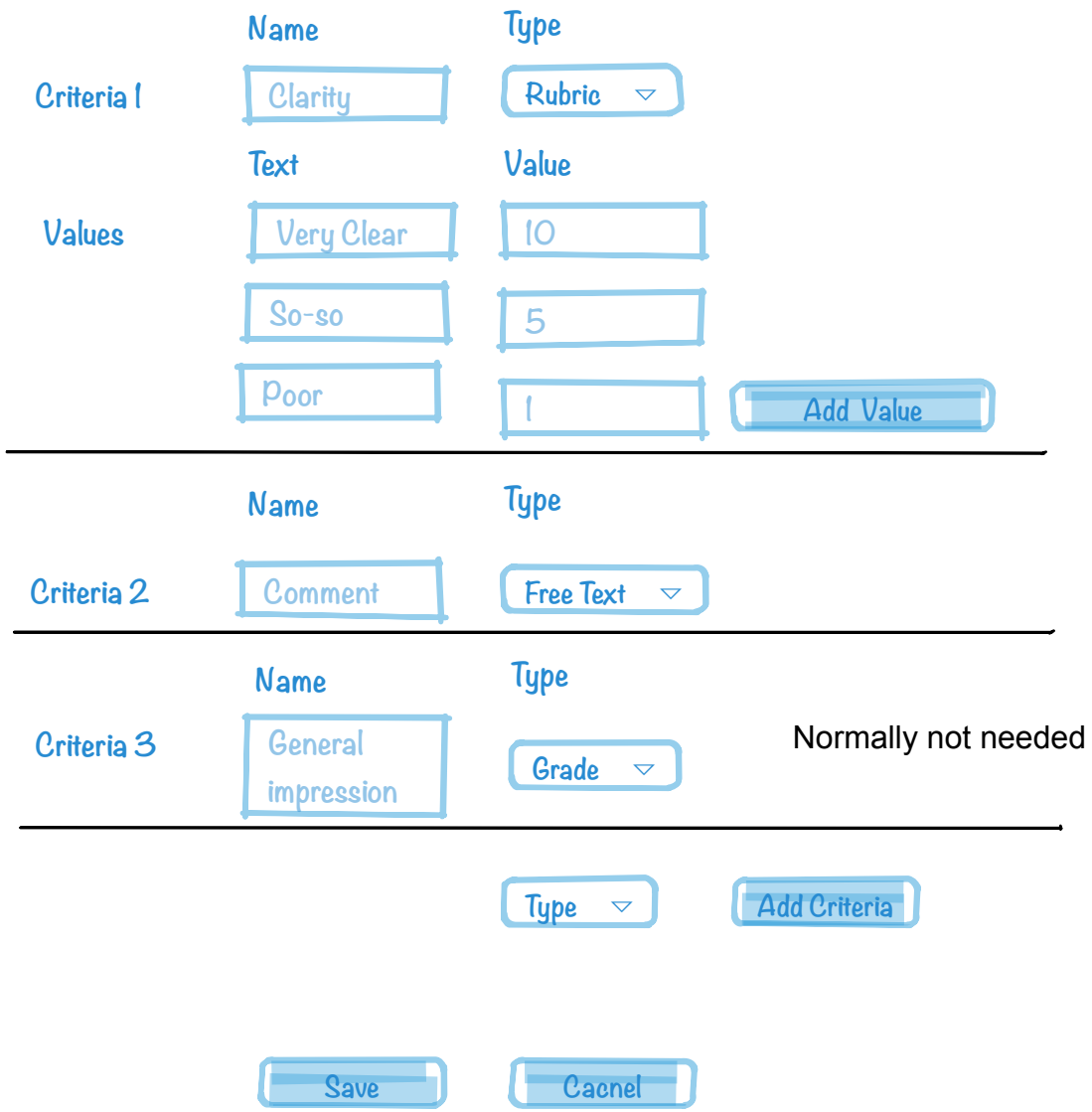
...

Home Page

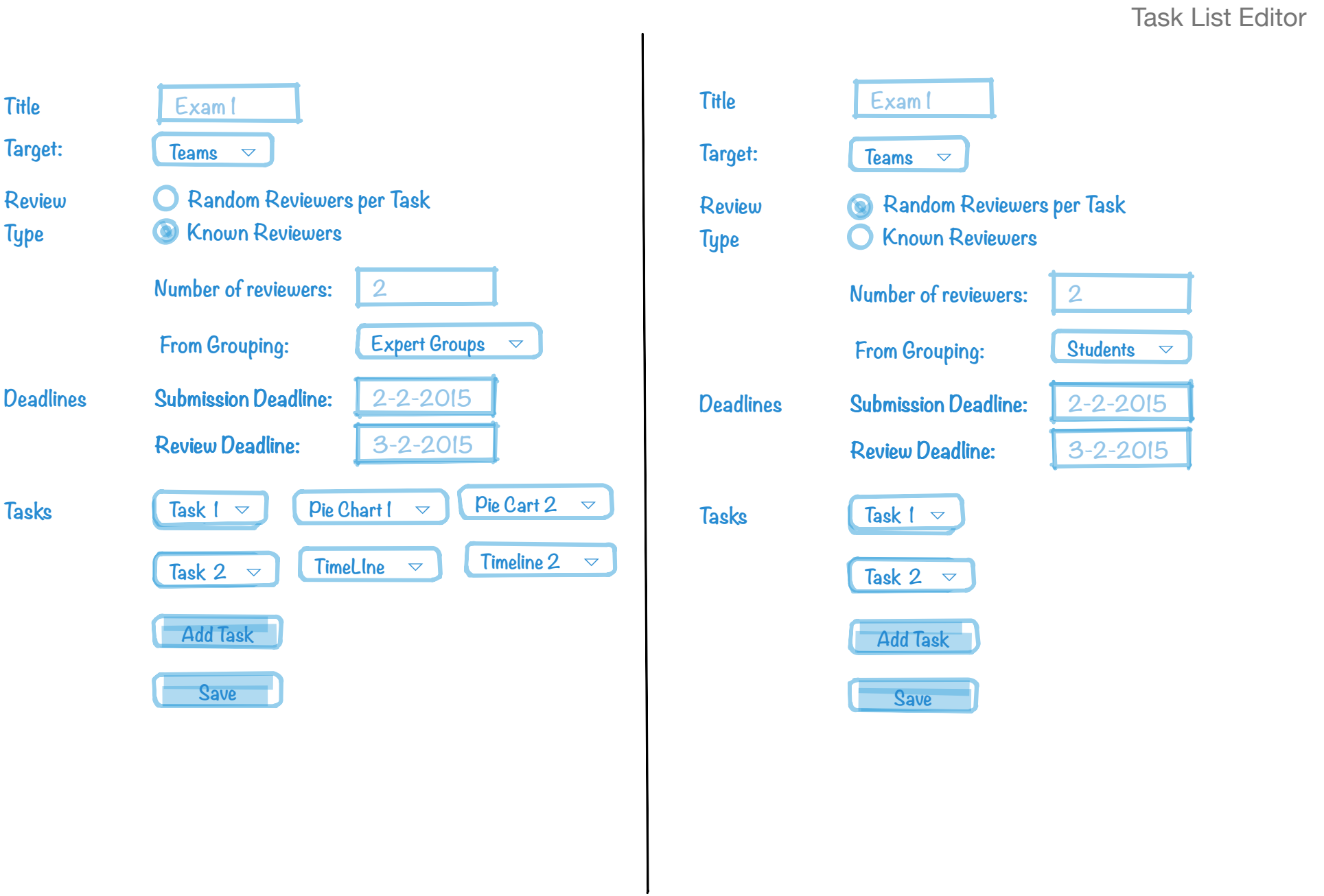
Task Editor


Title
Input
Text
Review Template
Create Template
Create / Save

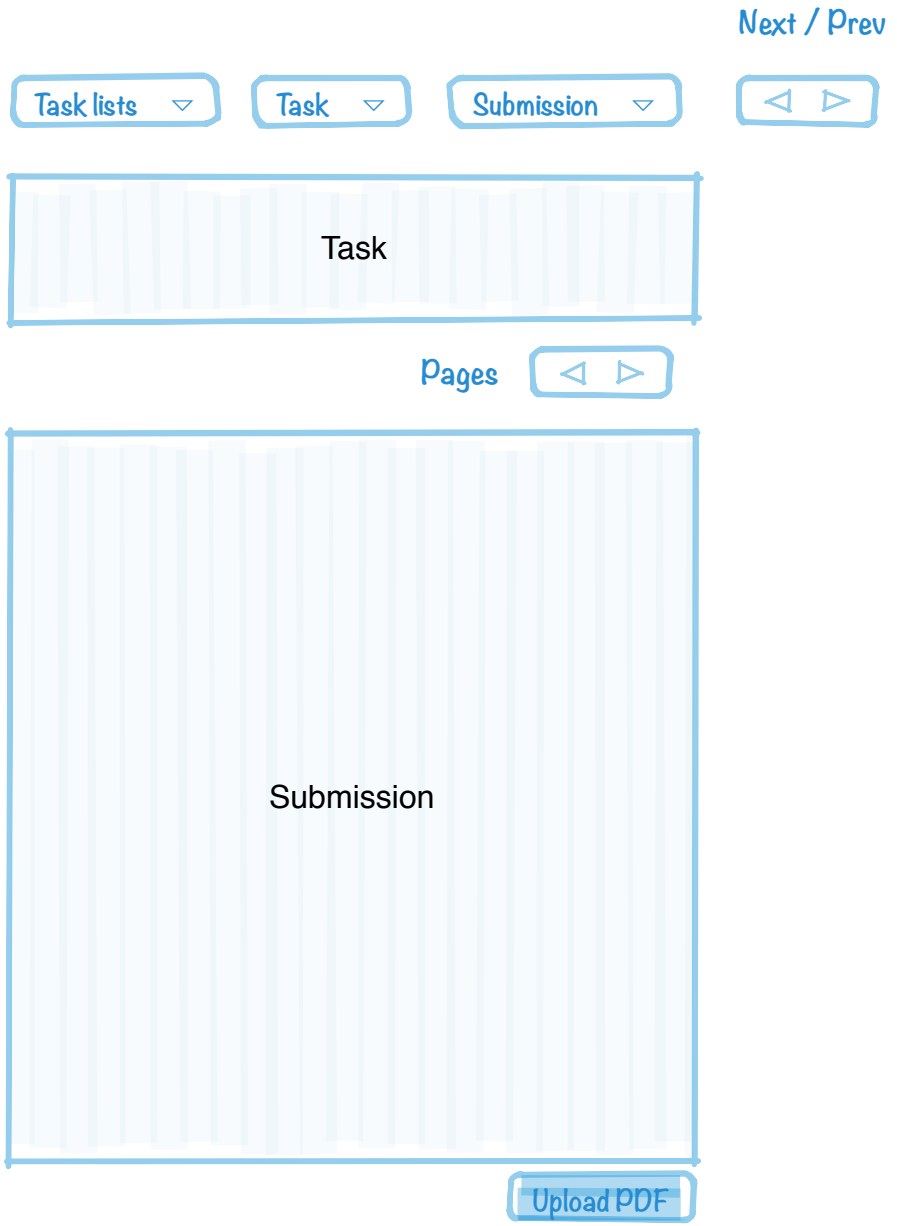
Review Template Editor



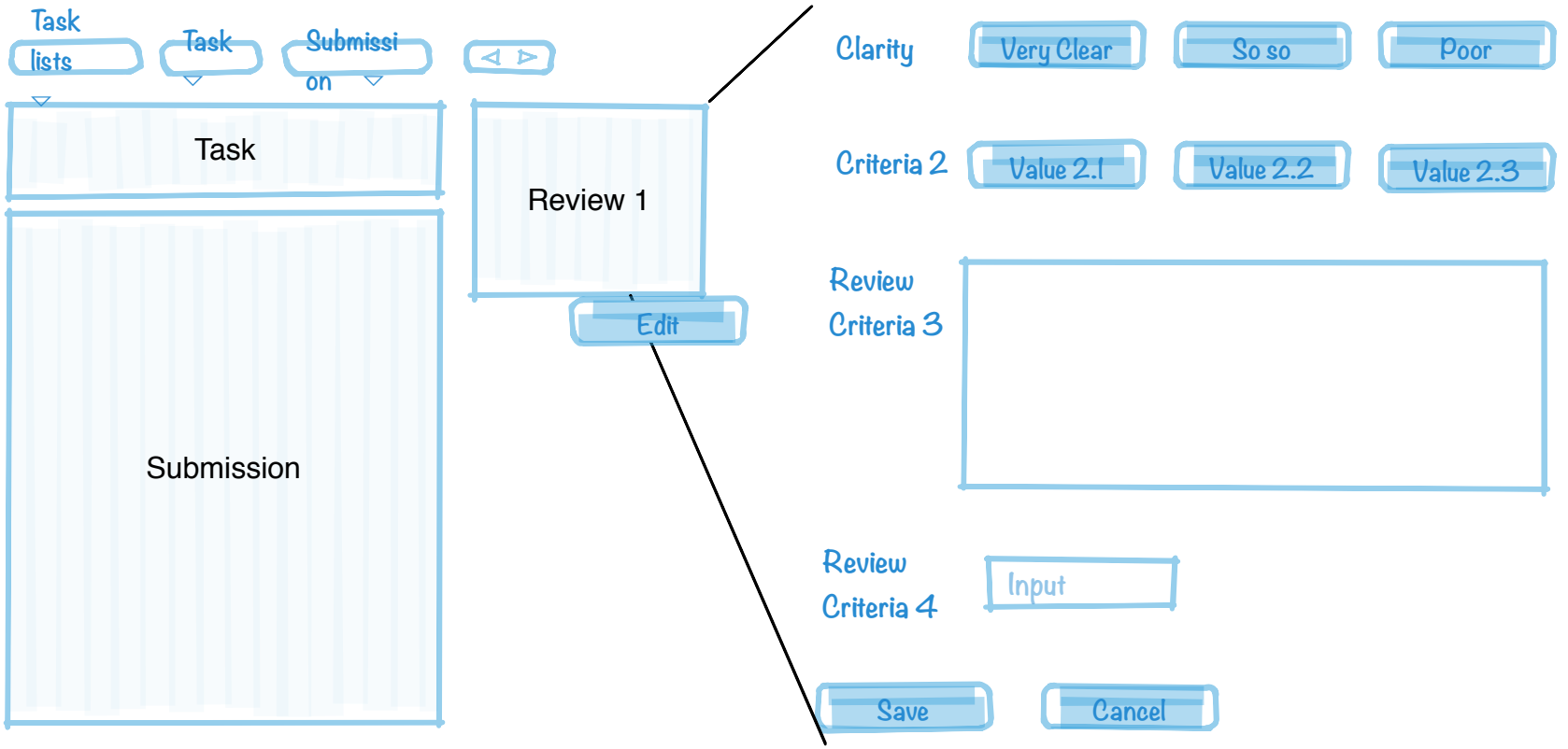
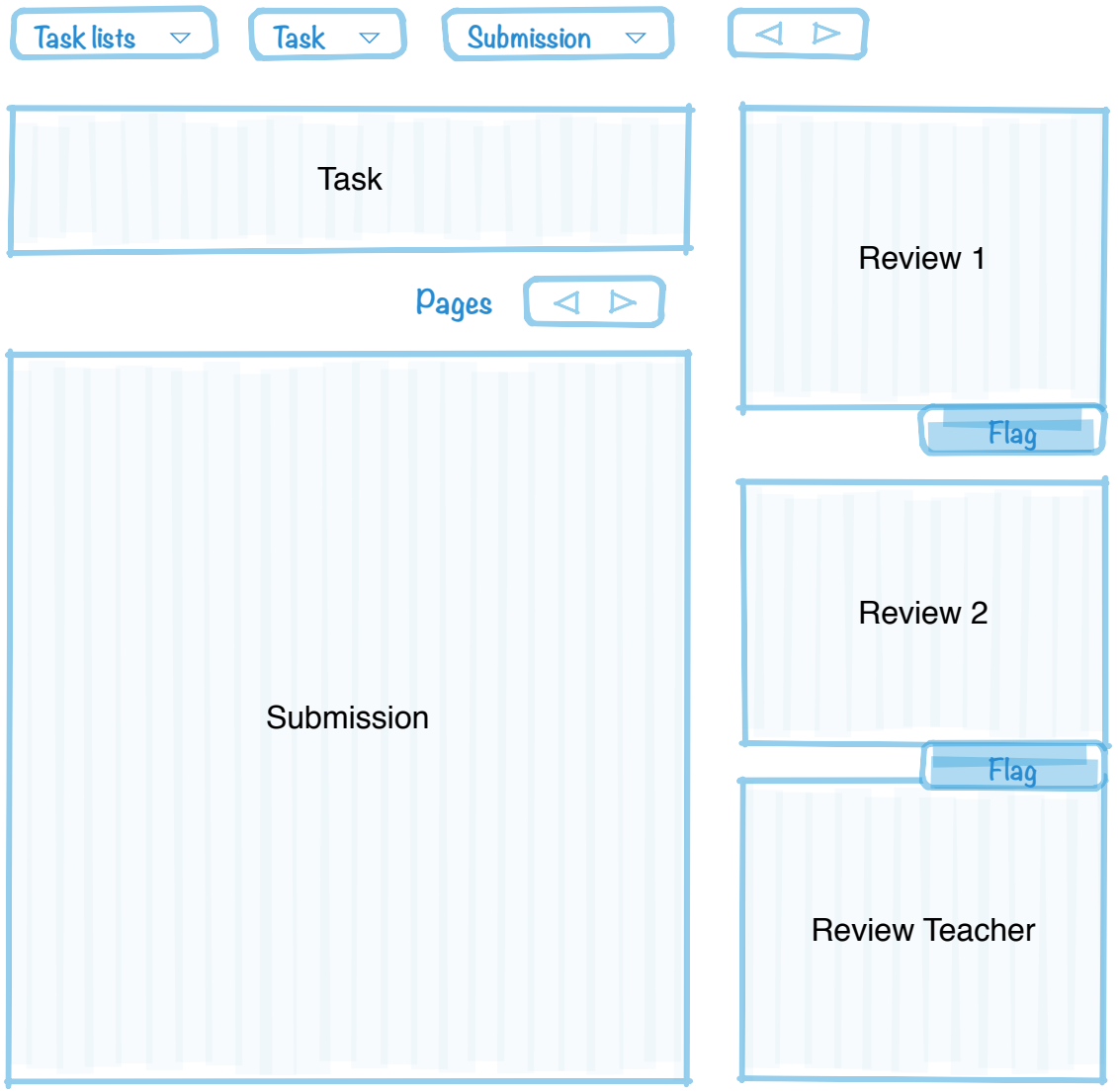
Two alternatives depending on review type



Submission Editor



Review
Editor



Submission Viewer