

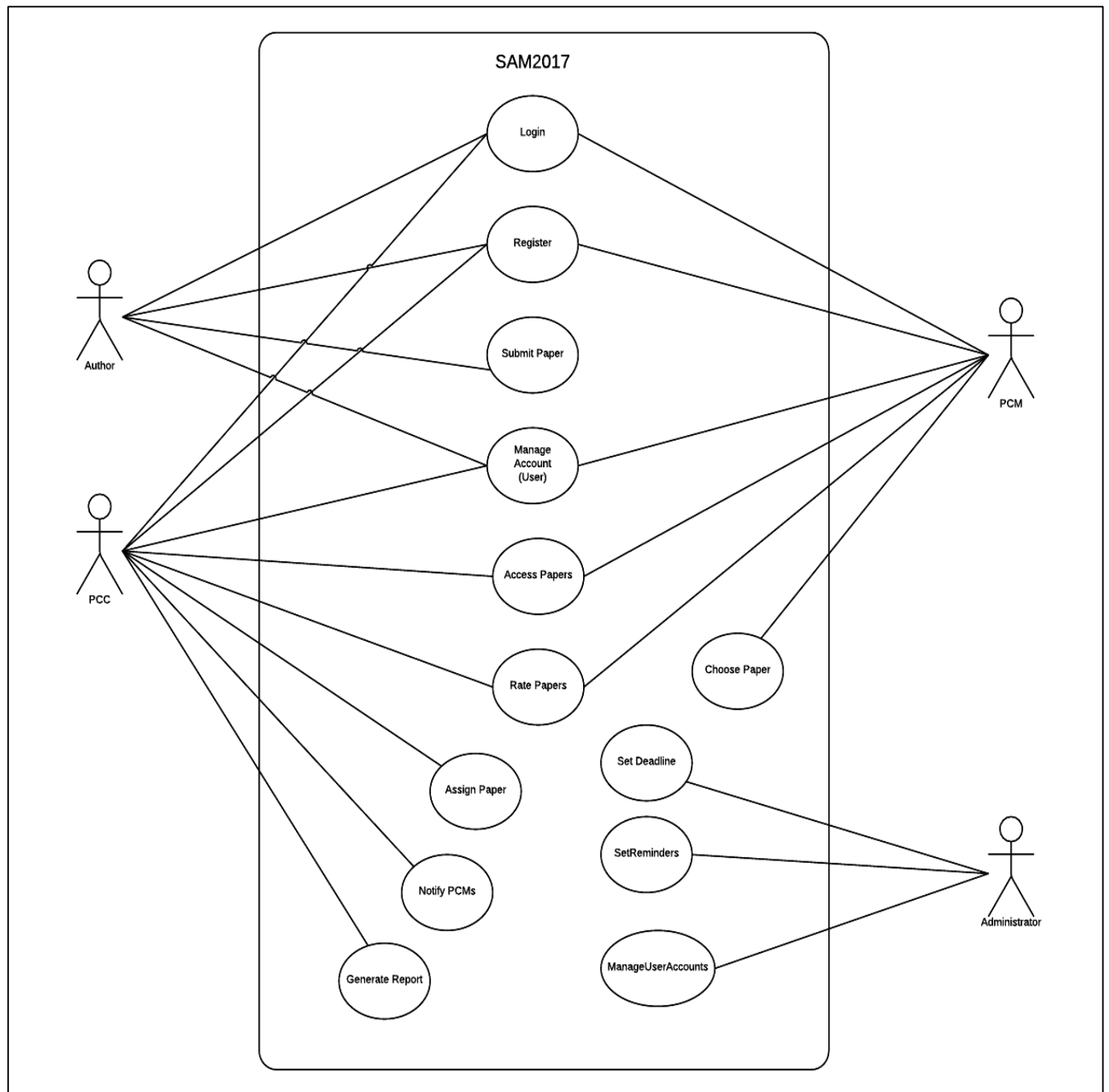
SAM2017 Release 1

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Use Case Diagram



Use Case Table:

Use Case Number	Use Case Name
UC-01	Registration
UC-02	Login
UC-03	PCC, PCM and Authors Account Management
UC-04	Submit paper
UC-05	Assign papers to PCM's
UC-06	Admin account management
UC-07	Generate reports
UC-08	Choose paper
UC-09	Set deadline
UC-10	Set Reminder
UC-11	Access Papers
UC-12	Rate papers
UC-13	Notify PCMs

Use Case Descriptions:

Use Case Number:	UC-01
Use Case Name:	Registration
Overview:	Registrant shall provide personal information.
Actor(s):	PCC, PCM, Authors
Pre-condition(s):	<ul style="list-style-type: none">- System has been setup and configured.- System is running and open for registrations.- Registrant has accessed website via URL
Scenario Flow:	<ol style="list-style-type: none">1. Registrant selects option to register2. System requests personal information in form of first name, last name, email id, contact information etc.3. Registrant provided personal information and submit to system.4. System verifies that the required information is provided.5. System displays confirmation of registration
Alternate Flow(1):	<ol style="list-style-type: none">3.a1. If the registrant selects the option to cancel3.a2. System requests confirmation to cancel3.a3. Registrant confirms intent3.a4. System returns to main screen
Alternate Flow(2):	<ol style="list-style-type: none">4.a1. If the information is invalid, System Displays a message4.a2. Return to Step 2 of the Main Flow
Post-condition(s)	User is registered into the system

Use Case Number:	UC-02
Use Case Name:	Login
Overview:	User provides credentials to login in the system.
Actor(s):	PCC, PCM, Authors
Pre-condition(s):	<p>User shall be registered in the system.</p> <p>User shall be in the login page.</p>
Scenario Flow:	<ol style="list-style-type: none">1. User provides username and password and submits to the system.2. System verifies the credentials and redirects user to the Dashboard.
Alternate Flows:	<p>After Step (1) provided credentials are invalid.</p> <ol style="list-style-type: none">1.a1. System informs the user that the provided username and/or password are invalid.
Post Condition:	User has been logged in to the system successfully.

Use Case Number:	UC-03
Use Case Name:	PCC, PCM and Authors Account Management
Overview:	User (PCC, PCM, Authors) shall be able to change personal information after registration: change password. Also, User shall be able to change preferences such as email reminder frequency.
Actor(s):	PCC, PCM, Authors
Pre-condition(s):	User must be logged in to the system.
Scenario Flow:	<ol style="list-style-type: none"> 1. User selects edit profile section. 2. System takes the user to account management page. 3. User inputs the desired change. 4. User saves the changes. 5. System updates profile with the entered information. 6. System displays a message which informing user of the changing that has been made. 7. System redirects user to the dashboard.
Alternate Flows:	After step (3) user selects to cancel changes of account information. 1.a1. System redirects user to the dashboard.
Post Condition:	Users profile is updated

Use Case Number:	UC-04
Use Case Name:	Submit Paper
Overview:	SAM2017 should allow authors to submit their papers.
Actor(s):	Authors
Pre-condition(s):	Authors should be registered into the SAM2017 system Author is logged in
Scenario Flow:	<ol style="list-style-type: none"> 1. Authors select the option to submit the paper 2. System displays the paper submission page 3. Authors make the submission 4. System notifies the PCC and the author(s) about the submission. 5. System display submitted paper template 6. Author fill out the template and submit to the system 7. System display confirm the template submission and return the Author to the system main page.
Alternate Flows(1)	2.a1 If the deadline has passed, the system displays message to notify the user that the deadline has passed
Alternate Flows(2)	3.a1 If the authors submitted paper is not a PDF or Microsoft Word files the system displays message to notify the user about the invalid paper format
Post Condition:	Authors have successfully submitted their paper.

Use Case Number:	UC-05
Use Case Name:	Assign Papers to PCMs
Overview:	PCC should be able to assign a paper to three Program Committee Members.
Actor(s):	Program Committee Chair (PCC)
Pre-condition(s):	There should be papers submitted by authors to make the assignment
Scenario Flow:	<ol style="list-style-type: none"> 1. PCC chooses the option to assign the papers to PCMs 2. System displays the list of papers and the PCMs selections 3. PCC selects one paper to make the allocation. 4. System displays the list of PCMs to whom the paper can be allocated 5. PCC selects three PCMs from the list. 6. System shows a message indicating that the allocation is made. 7. System notifies PCMs that a paper has been assigned to him/her for review.
Alternate Flows(1):	2.a1. If there are no papers submitted, the system should give a message saying no paper for allocation.
Alternate Flows(2):	4.a2 If the number of the PCMs is less than three, system displays message to inform the PCC that there is not enough PCMs in the System
Post Condition:	Three PCMs have been assigned a paper.

Use Case Number:	UC-06
Use Case Name:	Admin Account Management
Overview:	The admin should be able to manage user account (PCC, PCM and Submitter/Author)
Actor(s):	Admin
Pre-condition(s):	Admin should login to the system
Scenario Flow:	<ol style="list-style-type: none"> 1. Admin choose the option to manage user accounts (PCC, PCM and Submitter/Author) 2. System display a list of all users registered within the system. 3. Admin selects a user from the list in order to manage his/her account. 4. System display page contains all the information of the selected user. 5. Admin performs the required action and then submitted to the system. 6. System will redirect the admin to Admin Home Page.
Alternate Flows(1):	2.a1. If there are no users registered within the system, the system will display “there’s no available users” message to notify the admin.
Alternate Flows(2):	<ol style="list-style-type: none"> 5.1. if the Administrator chooses to cancel managing user account 5.2 System verifies if the Administrator is sure about cancelling 5.3 Administrator confirms the cancellation 5.4 System returns the Administrator to the home page
Post Condition:	Admin has successfully managed user information.

Use Case Number:	UC-07
Use Case Name:	Generate Reports
Overview:	PCC should be able to generate reports on the reviewed papers.
Actor(s):	PCC
Pre-condition(s):	PCMs have reviewed the assigned papers
Scenario Flow:	<ol style="list-style-type: none"> 1. PCC choose the option to generate reports. 2. System displays a list of all the reviewed papers 3. PCC selects a paper from the list and click on generate report 4. System display a report for the selected paper
Alternate Flows(1):	2.a1 if the PCMs have not finished reviewing the paper the system will display “there’re not available paper” to notify the PCC.
Alternate Flows(2):	3.a1 PCC select the option to generate a report for all the reviewed paper and submit to the system. 3.a2 System display a report for all reviewed paper
Post Condition:	PCC has successfully generated a reports for the selected papers

Use Case Number:	UC-08
Use Case Name:	Choose Paper
Overview:	The PCM should be able to choose papers to review from the submissions
Actor(s):	PCM
Pre-condition(s):	Authors has submitted papers
Scenario Flow:	<ol style="list-style-type: none"> 1. PCM choose the option to view submissions papers. 2. System display a list of all the submitted papers. 3. PCM choose the desire papers to review and submit to the system. 4. System notify the PCC about the PCM chosen paper and redirect the PCM to the home page.
Alternate Flows:	2.a1. If there is no submissions, the system will display “no submissions available” to inform the PCM
Post Condition:	PCM has successfully chosen papers to review.

Use Case Number:	UC-09
Use Case Name:	Set Deadline
Overview:	SAM2017 should allow the administrator to set deadlines
Actor(s):	Administrator
Pre-condition(s):	Administrator logged in to the system
Scenario Flow:	<ol style="list-style-type: none"> 1. Administrator chooses the option to set deadline 2. System display a the following options to the Administrator: <ul style="list-style-type: none"> • Paper submission deadline • Review choice deadline • Review submission deadline • Author notification deadline 3. Administrator selects an option to set deadline for 4. System displays setting deadline page for the selected option. 5. Administrator sets the deadline and submit to the system. 6. System displays message to Administrator to confirm that the deadline has set and return the Administrator to the home page.
Alternate Flows:	<ol style="list-style-type: none"> 5.a1. if the Administrator chooses to cancel setting deadline 5.a2. System verifies if the Administrator is sure about cancelling 5.a3. Administrator confirms the cancellation 5.a4. System returns to the Administrator to the home page
Post Condition:	A deadline is set successfully

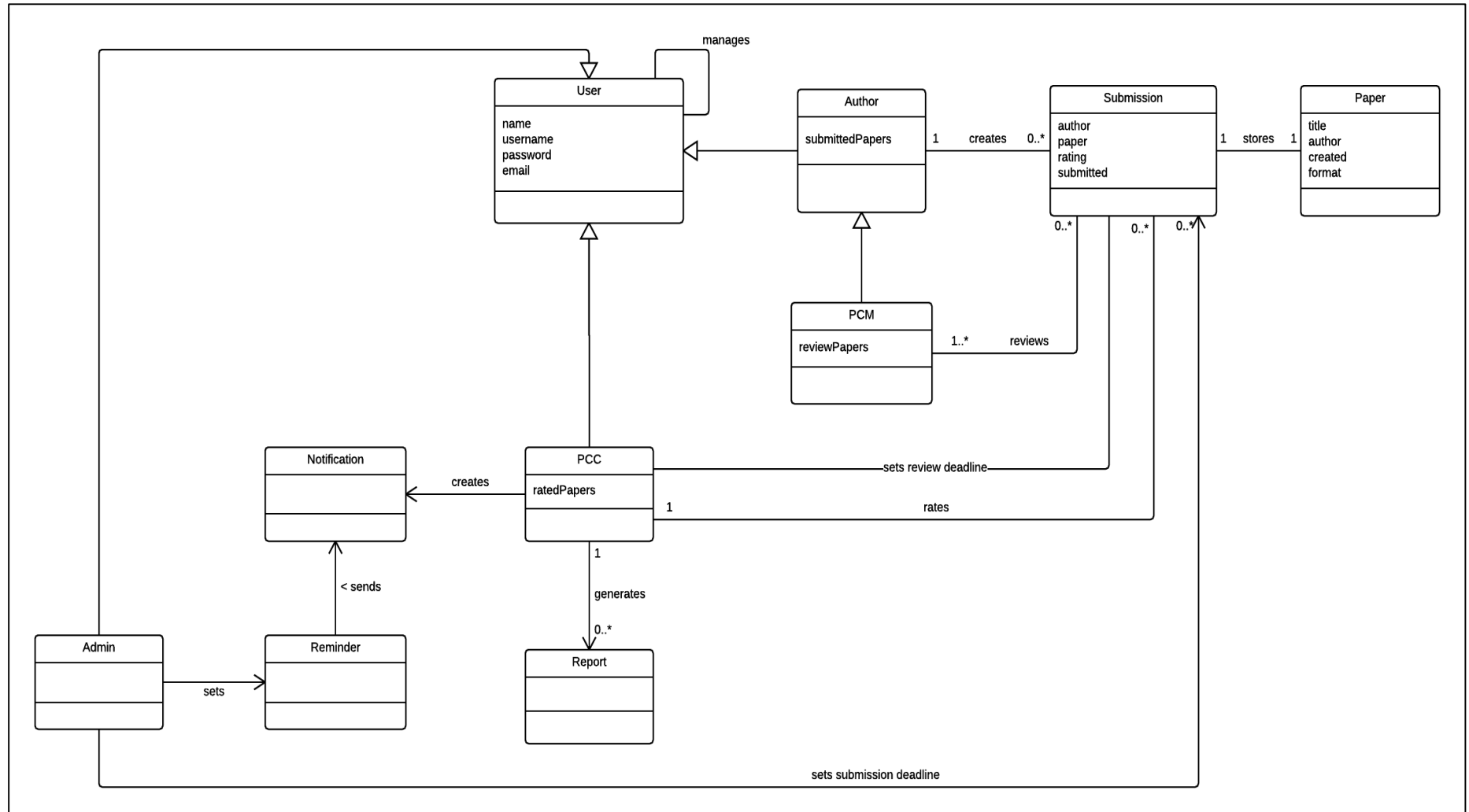
Use Case Number:	UC-10
Use Case Name:	Set Reminder
Overview:	SAM2017 should allow the administrator to set reminders
Actor(s):	Administrator
Pre-condition(s):	Administrator logged in to the system
Scenario Flow:	<ol style="list-style-type: none"> 1. Administrator chooses the option to set reminders 2. System display the following options to the Administrator: <ul style="list-style-type: none"> o Paper submission deadline o Review choice deadline o Review submission deadline o Author notification deadline 3. Administrator selects an option to set reminders for. 4. System displays setting reminder page. 5. Administrator sets the reminders and submit to the system. 6. System send a notification to the related users. 7. System displays message to Administrator to confirm that the reminder has set and return the Administrator to the home page.
Alternate Flows:	<ol style="list-style-type: none"> 5.a1. if the Administrator chooses to cancel setting deadline 5.a2. System verifies if the Administrator is sure about cancelling 5.a3. Administrator confirms the cancellation 5.a4. System returns to the Administrator to the home page
Post Condition:	A deadline is set successfully

Use Case Number:	UC-11
Use Case Name:	Access Papers
Overview:	Author, PCM or PCC should be able to access papers
Actor(s):	Author, PCM or PCC
Pre-condition(s):	Author has submitted paper to the system
Scenario Flow:	<ol style="list-style-type: none"> 1. Author, PCM or PCC select the option to view submissions paper 2. if the user type is Author system display a list for all the submitted papers by the Author. 3. Author clicks on the paper he/she wants to access. 4. System display the selected paper to the Author
Alternate Flows(2):	<p>2.a1. if the user type is PCM, system display a list of all paper assigned to the the PCM.</p> <p>2.a1. PCM clicks on the paper he/she wants to access.</p> <p>2.a3. System display the selected paper to the PCM</p>
Alternate Flows(3):	<p>2.b1. if the user type is PCC, system display a list of all paper submitted paper.</p> <p>2.b1. PCC clicks on the paper he/she wants to access.</p> <p>2.b3. System display the selected paper to the PCC</p>
Alternate Flows(4):	2.c1. If there are no submissions papers, system will display “no submissions papers available” to inform the user
Post Condition:	Author, PCM or PCC has accessed the submission paper.

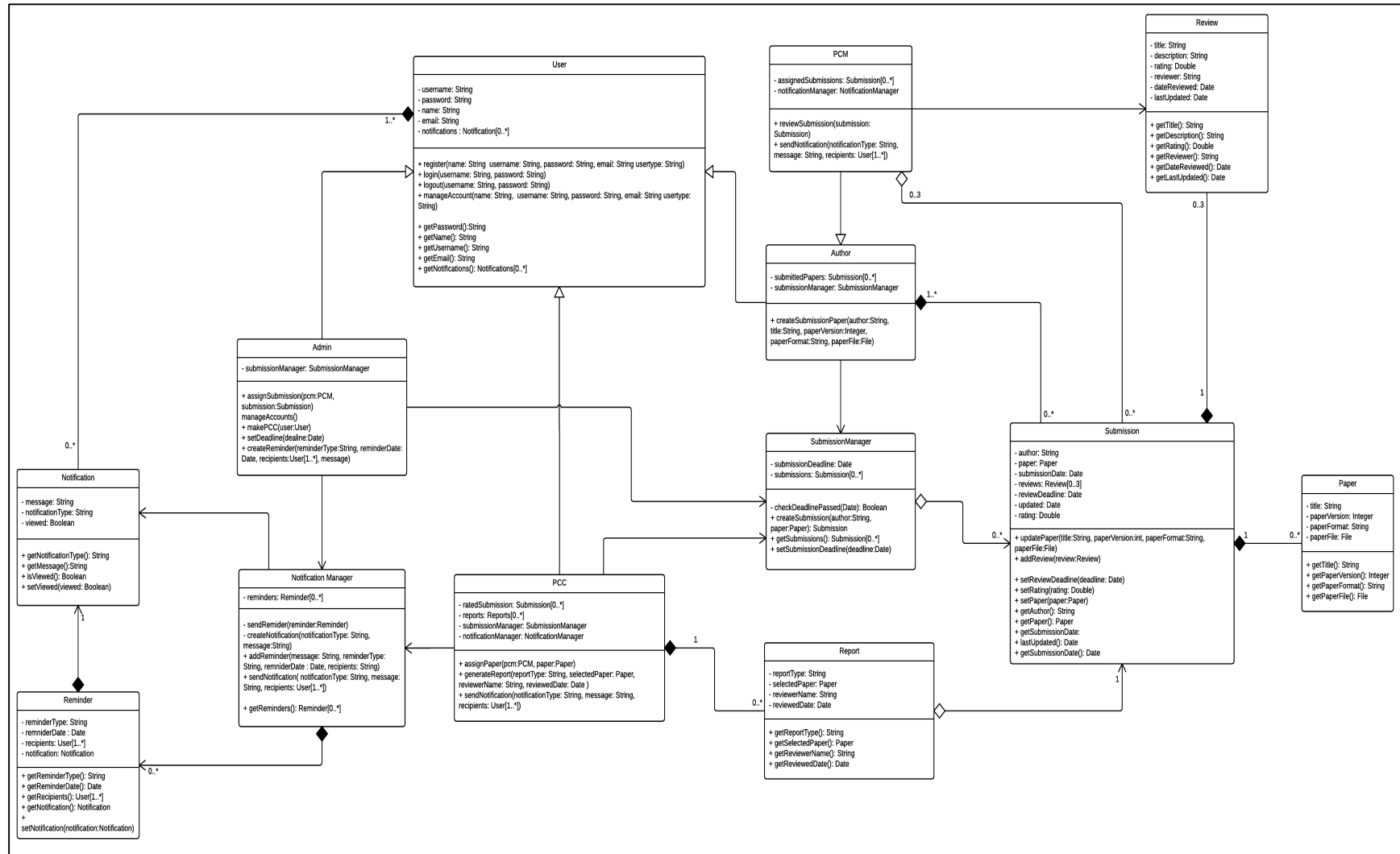
Use Case Number:	UC-12
Use Case Name:	Rate Papers
Overview:	PCM and PCC should be able to rate papers
Actor(s):	PCM and PCC
Pre-condition(s):	PCM has reviewed the assigned paper
Scenario Flow:	<ol style="list-style-type: none"> 1. PCM selects the option to review and rate papers 2. System displays a list of all the paper assigned to the PCM 3. PCM selects the paper he/she want to review and rate 4. System displays a template to PCM for reviewing and rating the paper 5. PCM fills out the template and submits to the system 6. System displays a message to confirm the rating has been completed successfully and return the PCM to the home page. 7. System notifies the PCC that PCM has reviewed and rated the paper. 8. PCC selects the option to rate paper 9. System displays a list of all paper reviewed and rated by the PCM 10. PCC selects paper to rate 11. System displays the reviewed and rate of the paper which done by the PCM 12. PCC performs the final rate for the paper and submits to the system 13. System displays a message to confirm the final rating and return the the PCC to the home page
Alternate Flows:	12.a1. If the PCC decided that the reviews present conflicting views he can makes PCM read each other review, discuss their viewpoints, and modify their reviews.
Post Condition:	PCM or PCC has rated the paper successfully.

Use Case Number:	UC-13
Use Case Name:	Notify PCMs
Overview:	The PCC should be able to notifies all the PCMs about availability of papers for review.
Actor(s):	PCC
Pre-condition(s):	Author has submitted a paper Paper submission deadline passed
Scenario Flow:	<ol style="list-style-type: none"> 1. PCC selects the option to notify PCMs 2. System displays a list of all PCMs 3. PCC selects all the PCMs and click on the notifies button 4. System sends notification to inform all the PCMs about the availability of paper for review 5. System return the PCC to the home page
Alternate Flows(1):	2.a1. if there are not PCMs registered in the system, system displays a message to inform the the PCC
Post Condition:	PCC has notified the all the PCMs about the availability of paper for review

Domain Model

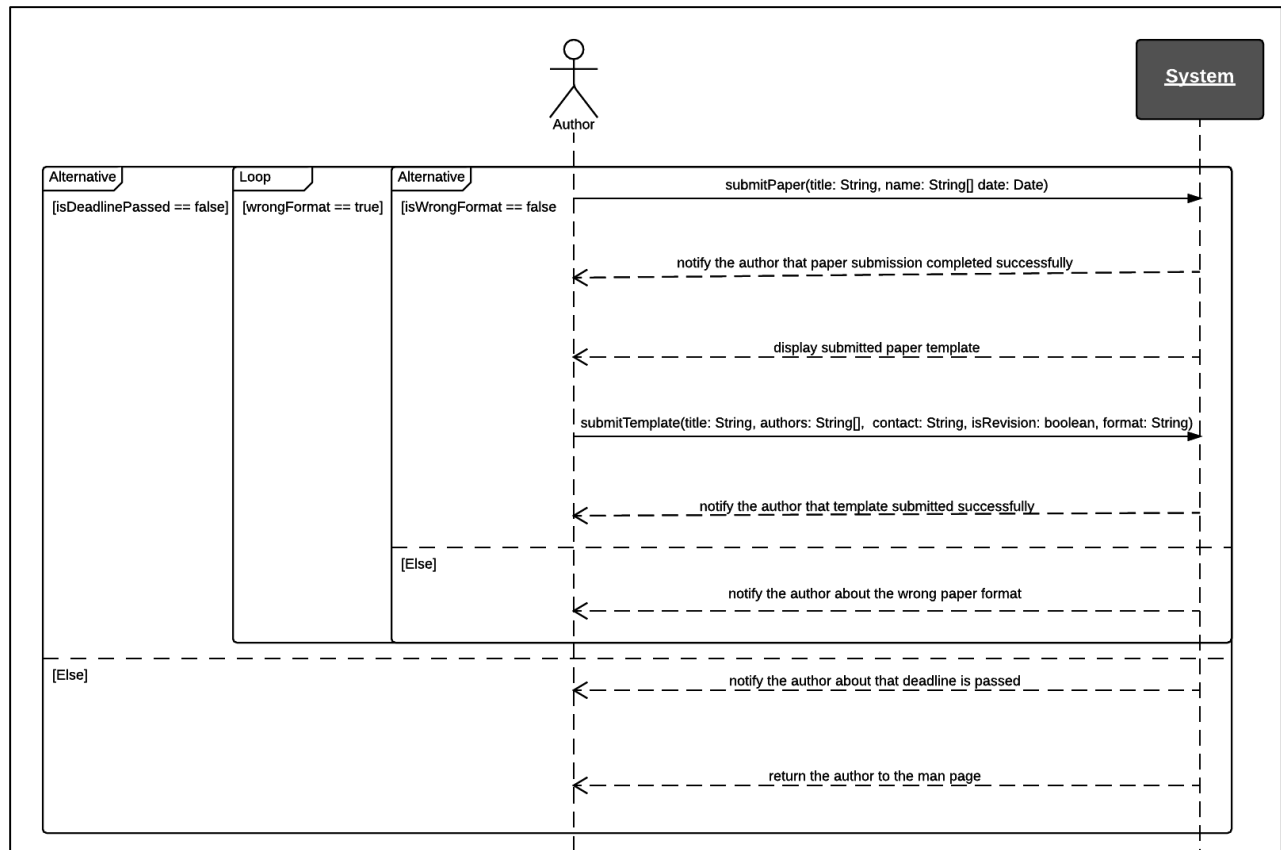


Class Diagram

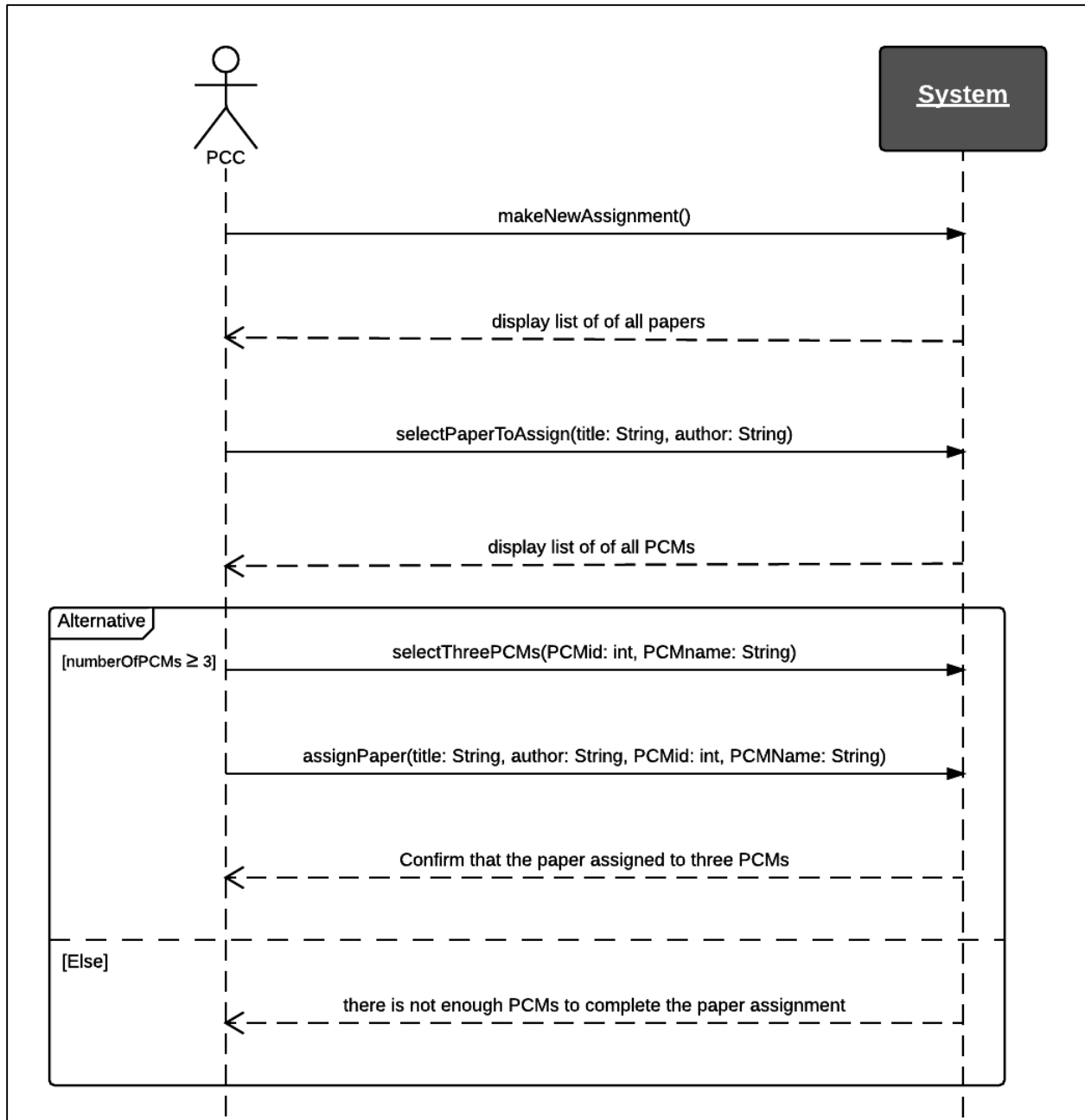


System Sequence Diagrams

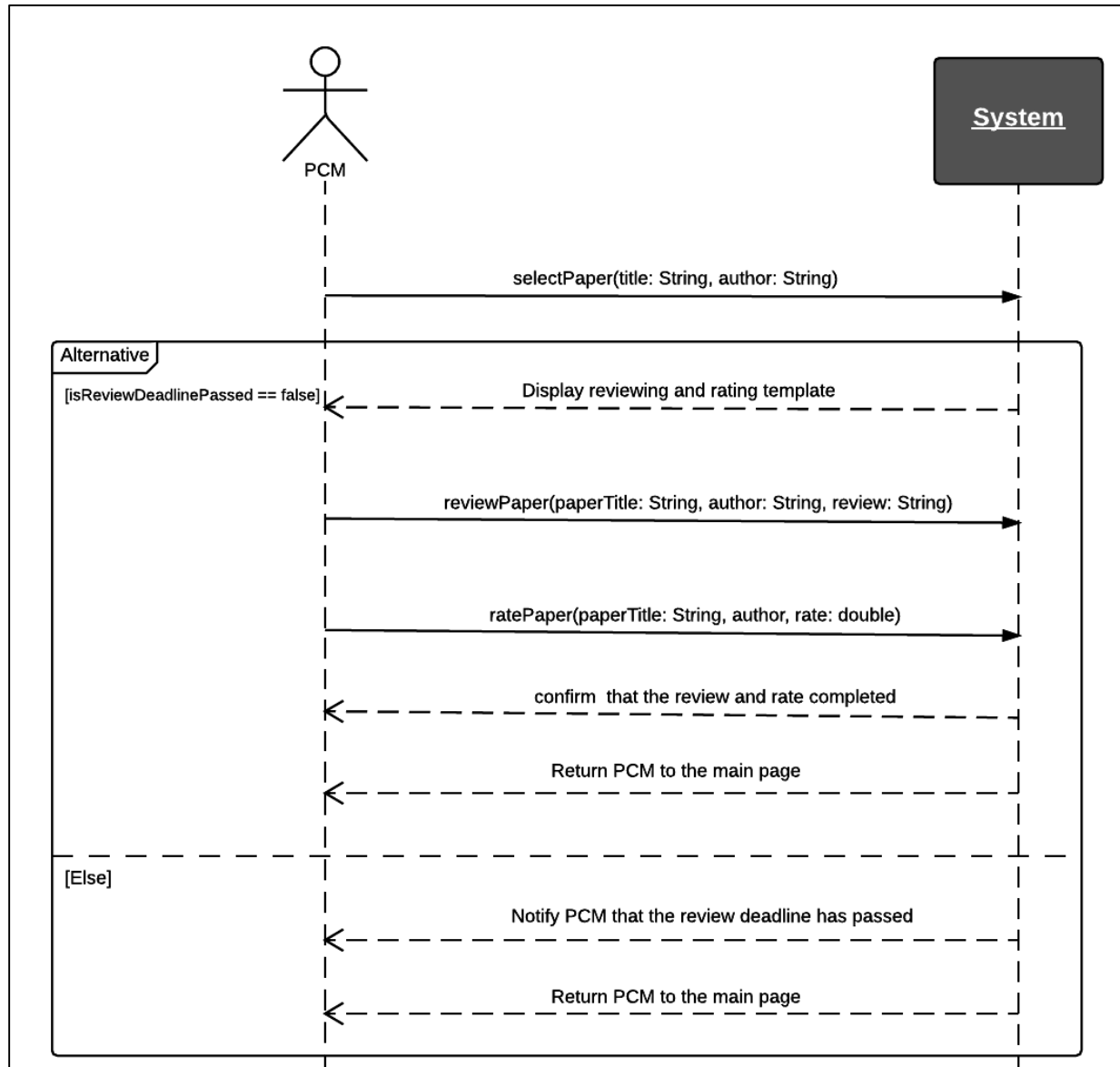
1. Paper Submission



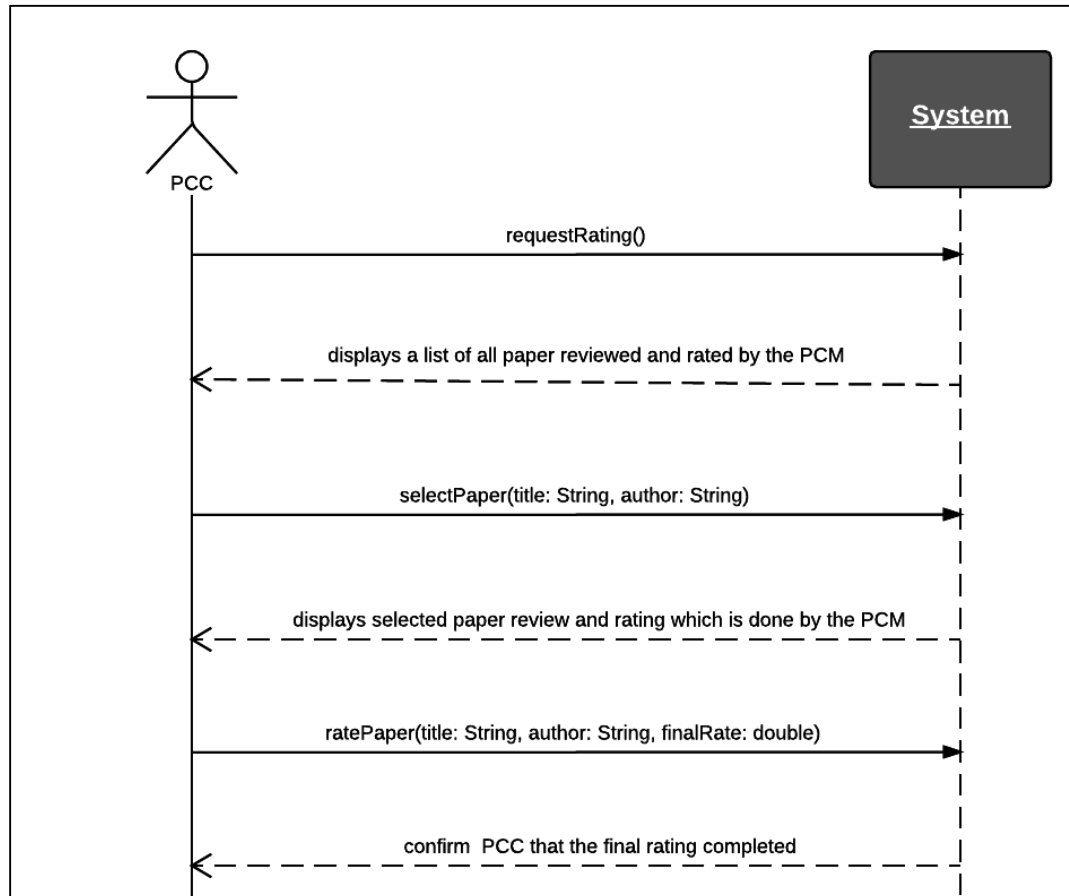
2. Assign Paper



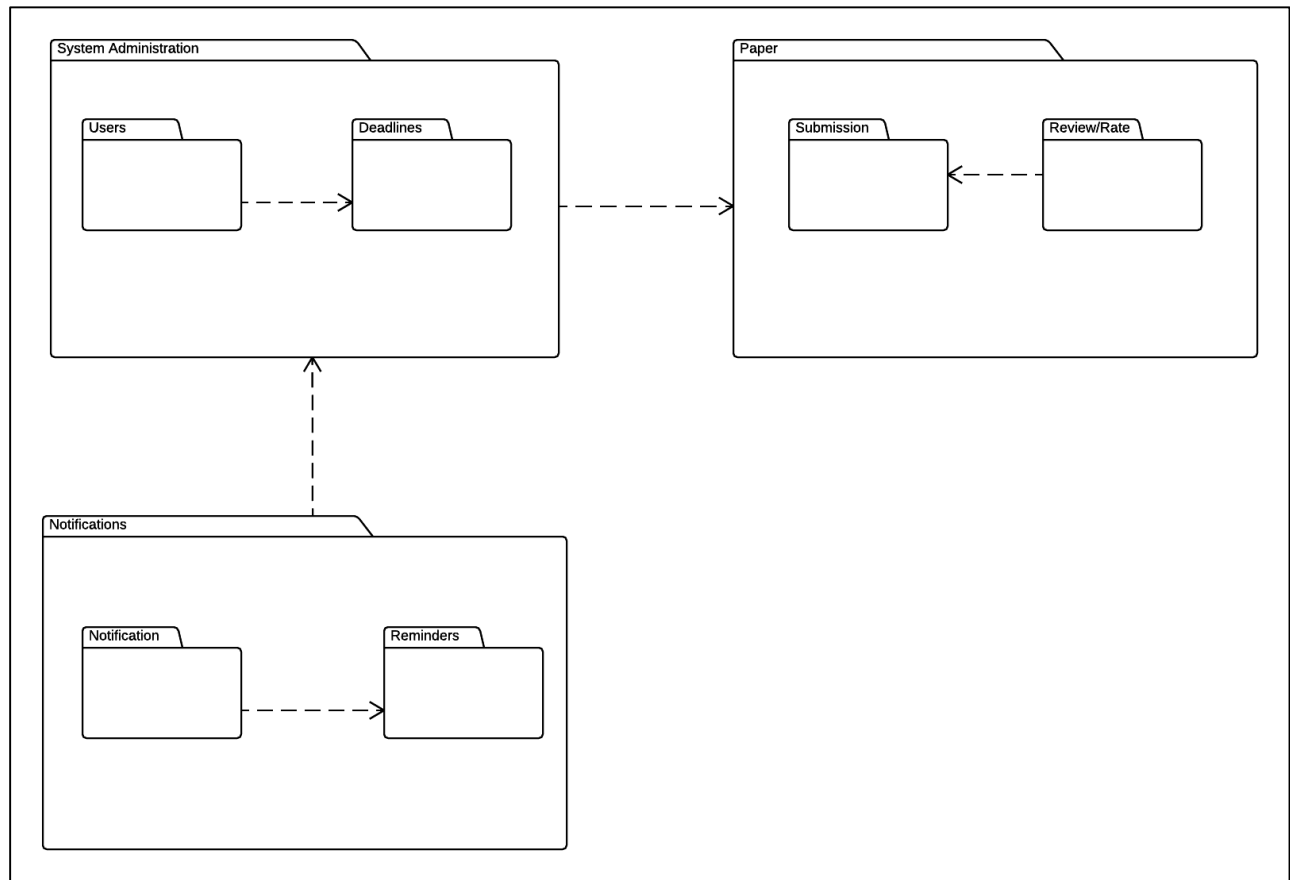
3. Review and Rate Paper



4. Rate Paper



Package Diagram



Activity Diagram

