

Course Title: Enterprise Web Software Development

Course work ID: COMP1640

Submitted to:

Dr Ray Stoneham

Greenwich Course Leader

Submitted By:

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Team Name: SMART Team

Team Members

UoG ID	Member name	Pay Roles
		<i>Information Architect</i>

Credential			
Group	Name	User Name	Password
Administrator	Mustafizul Rahman	staff1 @staff.com	staff
QA Manager	Nazrana Haque	staff2 @staff.com	staff
QA Coordinator	Siplu Sinha	1000418@daffodil.ac	staff
	Fourth Staff	staff4 @staff.com	staff
Teacher	Teacher Staff	staff7 @staff.com	Staff
Student	Md. Shahinur Alam	naimulshadhin@gmail.com	student
	Afroja Akter	afrojaaktersonia@gmail.com	student
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Introduction:

This system is group coursework, this system required to build a role based secure system. This is web based application for collaboration system to the agile scrum methodologies to their following system. This system to access the five different types of roles Admin, QA Manager, QA Coordinator, Teacher Staff and Student. This system to the whole system access the admin and this system to options for the accepted and rejected. Will have to can access the QA Coordinator for managing the department process and encouraging the student contribution for the system. Following to the will have to QA manager can access add and delete additional categories. Following will have to student to upload documents and one or more ideas submit. My role was a analyst for my team and all member to development for the final process.

Evaluation of product and process

This system is web based system. This evaluation system to the good product delivery for the limitation time of the some new feature to the implement to the possible good attraction and good function for the product.

Key feature of process

This system to requirement to the new feature to the deployed for the successfully to the process.

- ✚ Student have to opportunity can submit one or more ideas.
- ✚ Student can submit to terms and conditions for they before to must agree.
- ✚ Student can submit to upload documents.
- ✚ QA Manager to the additional add or delete categories for the system.
- ✚ QA Manager can download to the ZIP file for the final closure date of the system.
- ✚ Student can see all submitted ideas and comment.
- ✚ This system to can be post anonymously for the Ideas and comments.
- ✚ QA Coordinator can submit to the email notification for this system.
- ✚ QA Coordinator to responsible for the managing process to encouraging student.
- ✚ Student can submit to the idea and comments to the email notification for the admin.
- ✚ Provided that can be statistics and exception reports for this system.
- ✚ This system can responsive to the suitable interface for the mobile device.
- ✚ Implemented for the base to role secure system.

Strength of process:

- User friendly user interface and good design for this system.
- This system is responsible and very good design.
- Fully responsible application for the suitable all device such as mobile
- This application performance for the good consistent.
- SQL injections provides the application.
- There are implemented rules for this application is very strong validation and verification is consider for this system.
- This application is used for very strong security of the MD5 encryption.
- This system outside from the scripts run can't for hackers.
- Very protected for this application database.
- This application data store that no confidential at the runtime for the browsers.

Weakness of process

- ✓ This system are not recovery password
- ✓ User profile information cannot updated
- ✓ Own profile cannot see QA Coordinator and QA Manager and cannot modify any information.
- ✓ Administrator cannot modify all user's role. This application role is prefixed.
- ✓ QA Coordinator report is not customize.

Further development of process

- Add password recovery system in this application.
- Student can upload document when provide a notification for QA Coordinator.
- This application for the more useable to develop for the mobile application.
- This system to a live notification can be used for the NodeJS.
- This system can be good performance for the using methodology for catching data.
- A notifications of the users can be email for student and QA Coordinator email.
- User interface can be attractive design for the users and show the reports chart to the system.

Evaluation of team

In this assignment to complete our four member. Our team members to important roles for Programmer, web and database designer, tester and analyst. Our team every member is hard working in system. Our team member performance for individual and collaboration to their role for hard working for make it done for easily and successfully. Our team member hard work is not equal for this assignment. So evaluate for this team member performance criteria.

My team member is very good men and every person to hard work his different role. Every member communication is very good level and working level is highly good for their responsible.

Every team member to some evaluate criteria for this Team collaboration, communication skills, technical skill, availability, creativity, working field, understanding level and etc. this evaluated to the every team member for the scales of criteria and given below.

- Good,
- Very Good,
- Excellent,
- Average
- Poor

Criterial Skills	Md. Shahinur Alam (Programmer & Designer)	Minhaj abedin Nadim (Tester & Scrum Master)	Afroja akter Sonia (Database Designer)	Rafiqul Islam (Information Architect)
Communication Skill	Excellent	Very Good	Very Good	Good
Creativity	Excellent	Good	Good	Poor
Working field	Excellent	Very Good	Excellent	Excellent
Technical Knowledge	Very Good	Excellent	Good	Very Good
Understanding level	Excellent	Excellent	Very Good	Good
Team Collaboration	Excellent	Average	Average	Very Good
Availability	Very Good	Very Good	Very Good	Good
Overall Performance	Excellent	Excellent	Very Good	Good

Self-Evaluation

In this assignment my role as analyst for the system architect, I was tried to my best effort in this system development and my main focus is maintainability for this application to the secure. For this system to deployment of the meeting attended the every team member. The system requirements to the first and discuss of my team member to create the user interface design to the functional development for the requirement gathered to the process. At first my work is system requirements and MOSCOW prioritized to the applied in this system. Then I draw Use Case diagrams for this system and then descriptions for the Use Case diagrams.

During the development I have drawn Sequence diagrams, Class diagram, and initial class diagrams. My team member in some case help to me and thank to my team member.

During I going to this assignment, my team member works a lot of learning for me, and I things to many new things leant for my team work. In this most important things to about myself. And at first time to work to have improve for a lots of the team work. Finally I complete my assignment for this system to require to improve my hard working. And I connecting to the hard work with team member.

Conclusion

I am complete for the group assignment. It was a role web based system. This system to main requirement for the submit idea and comments to part the student and QA Coordinator for the system. Requirement to deployed for the every member and make it successfully to the system.

At last end the system to the hardworking for after the successful in this system and I say that every my team member for thank you so much. I really enjoy for this assignment and doing to the great time my life. My team member for their best effort and hardworking about for the complete this assignment. I achieve to the last things for the team work and some knowledge this application to the deployed in my real life to build a lots of knowledge to learnt for the final goal in this system.

Appendix

Appendix A – Requirements Analysis

Functional Requirements

- Admin must can update Email and password.
- Admin can manage system.
- Admin can manage session.
- Admin can manage department.
- Admin can closure date for academic year.
- Admin can manage staff details.
- Admin can manage student details.
- Admin can manage data.
- Admin can manage QA Manager.
- Admin can manage QA Coordinator.
- Admin can manage student Email and password.
- Admin can manage Staff Email and password.
- QA Manager can manage Email and password.
- QA Manager can add categories.
- QA Manager can delete categories.
- QA Manager can manage download ZIP file.
- QA Manager can manage after final closure date.
- QA Manager can manage the system.
- QA Coordinator can manage Email and password

- QA Coordinator can manage the process.
- QA Coordinator can manage the encouraging student.
- Student can submit one or more ideas.
- Student must can agree to terms and conditions.
- Student can submit upload documents.
- Student can see all submit ideas and comments.
- Student can comments are visible.
- Staff can see all submit ideas and comments.
- Staff can comments only visible.

Non-functional Requirements

- Must be user responsible device
- Statistics analysis for the enriched reports.
- Paginated
- Search
- Password encrypted.

Appendix B- System Architecture

Use Case Diagram

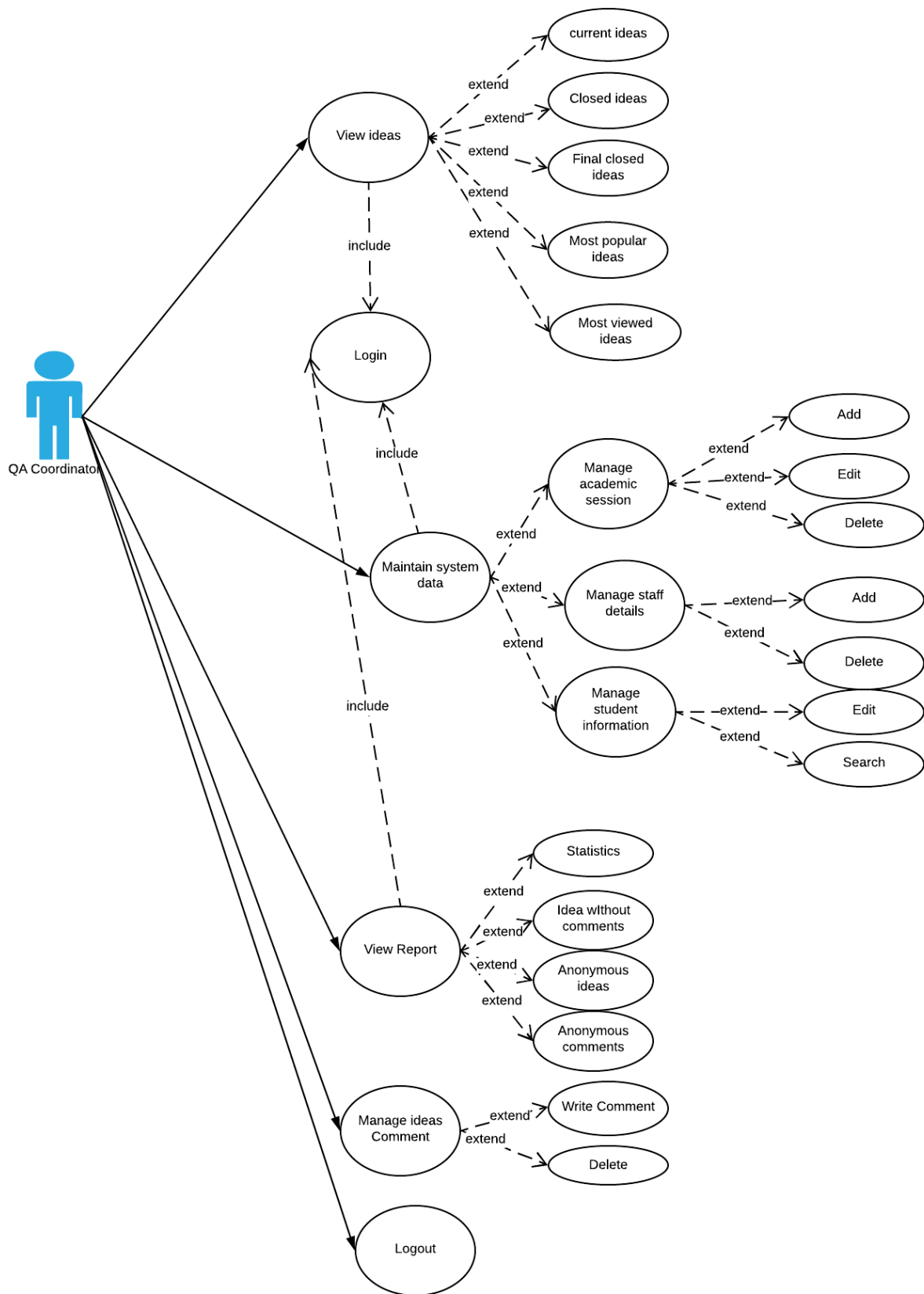


Figure: Super Admin

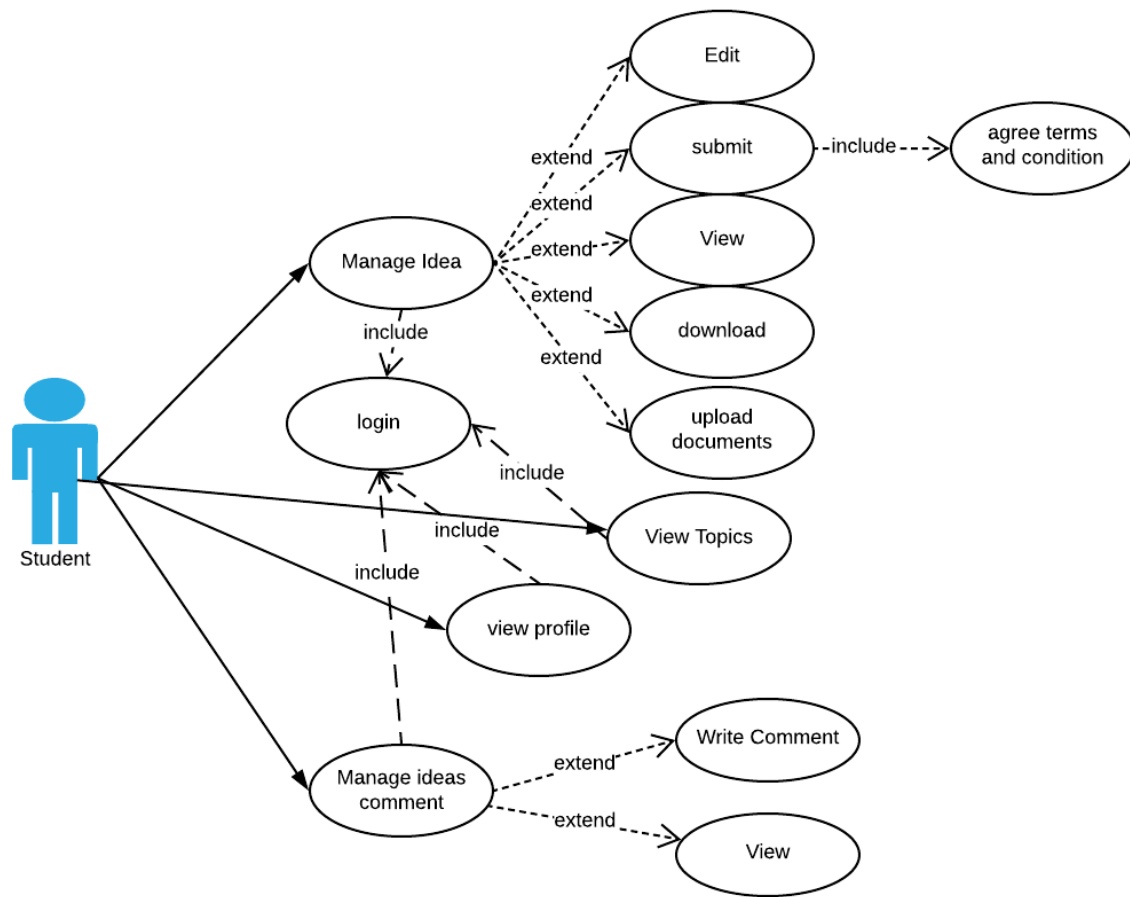


Figure: Student

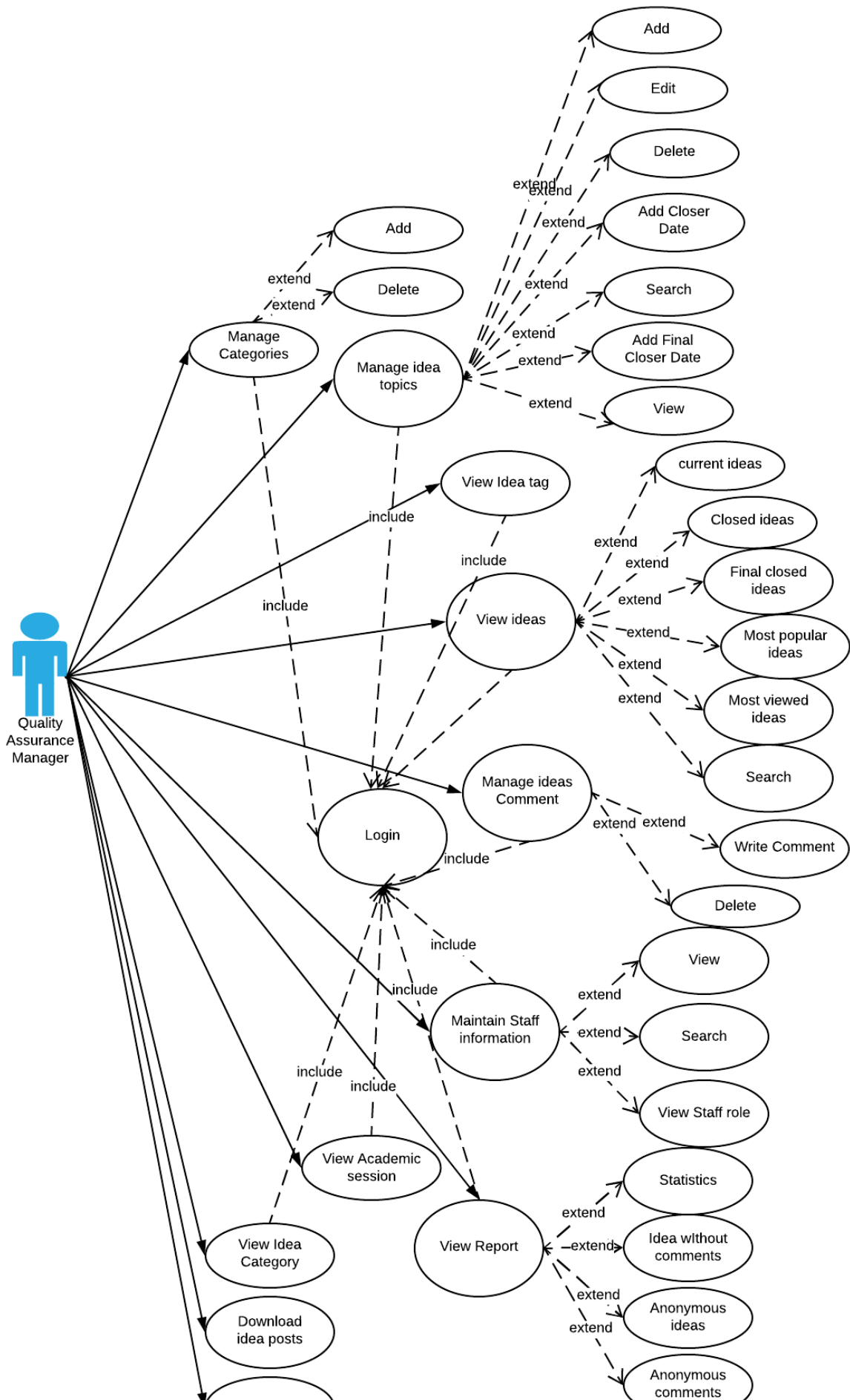


Figure: QA Manager

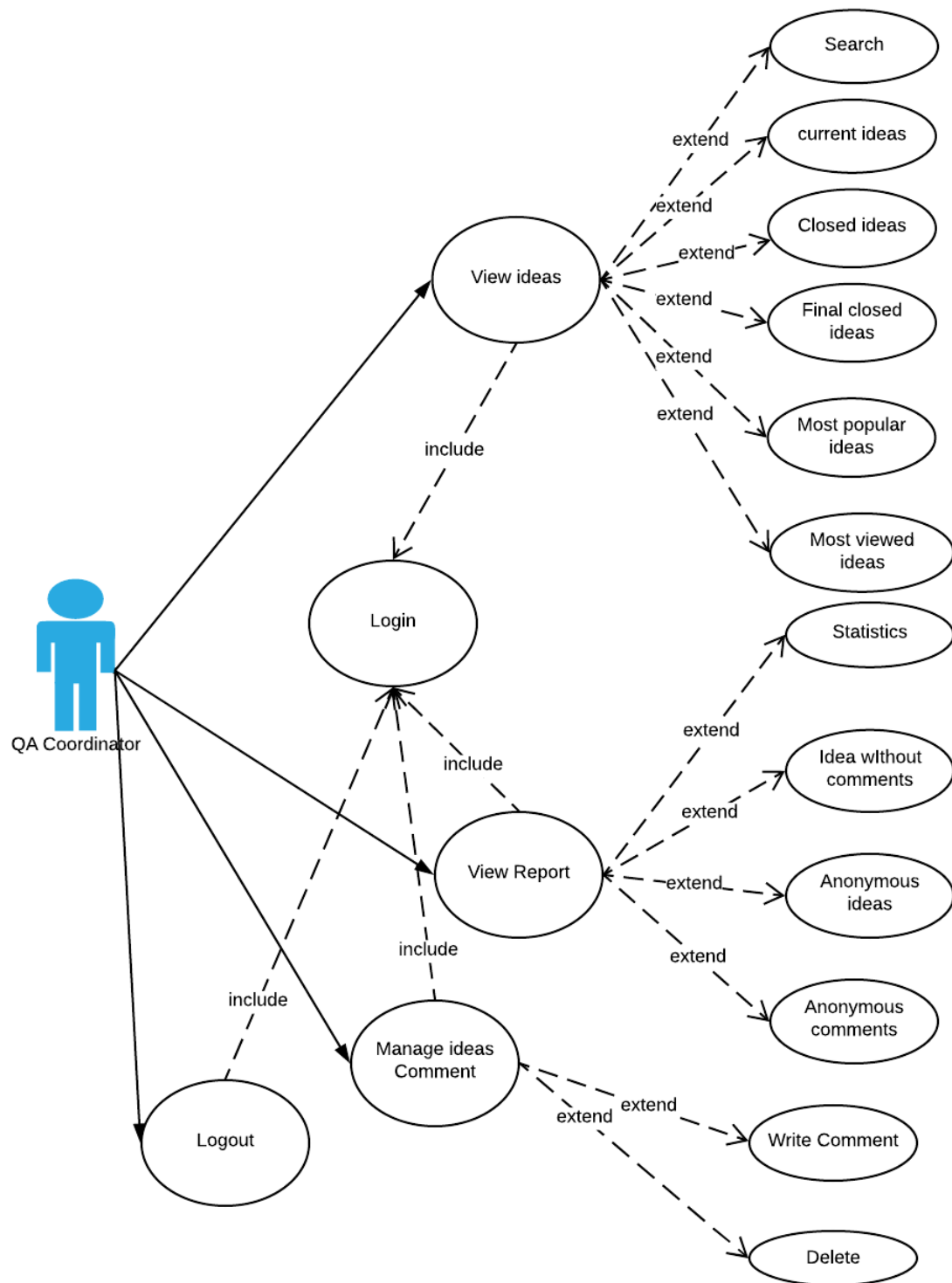


Figure: QA Coordinator

Class Diagram

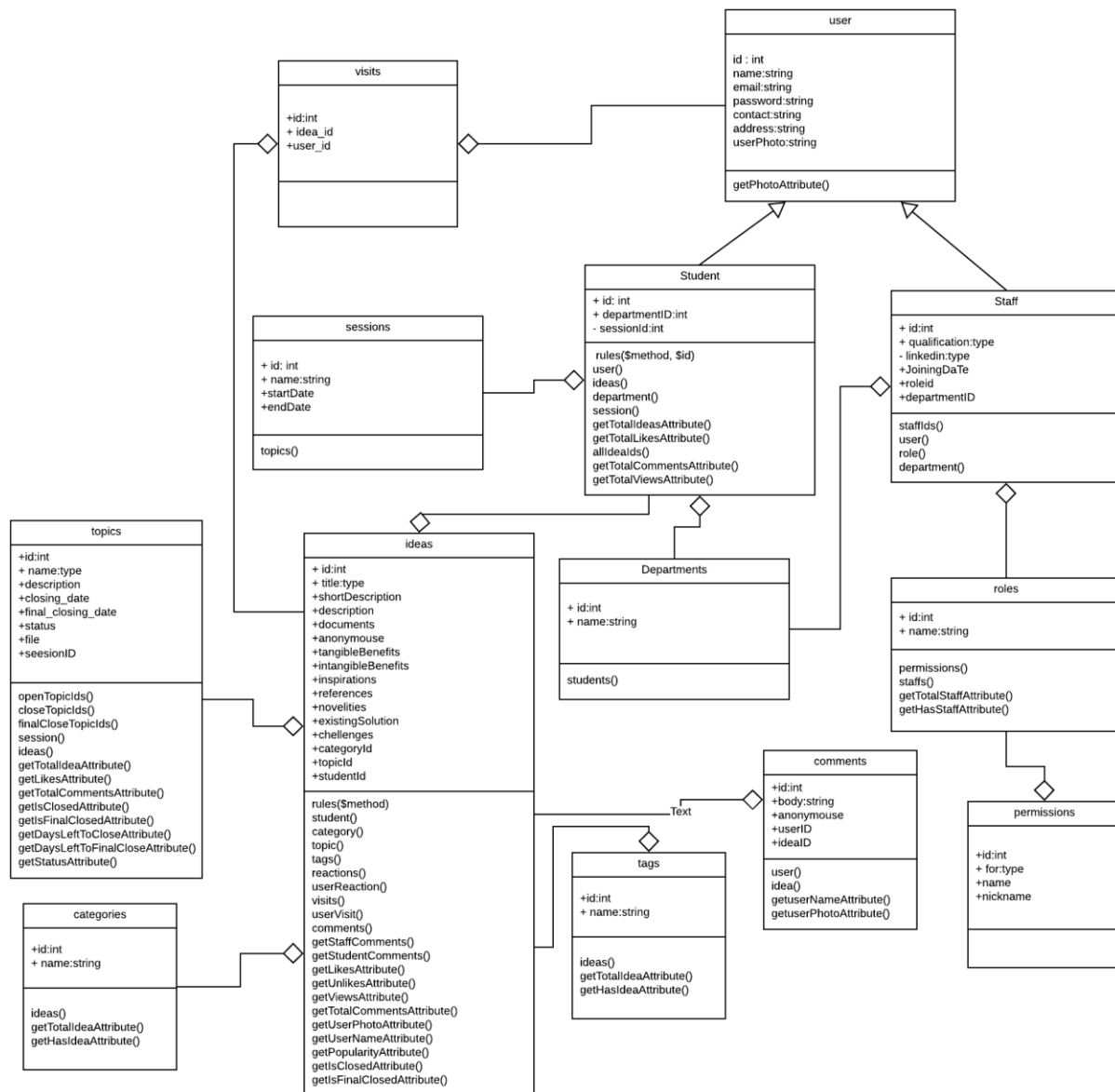


Figure: Class Diagram

Sequence Diagram

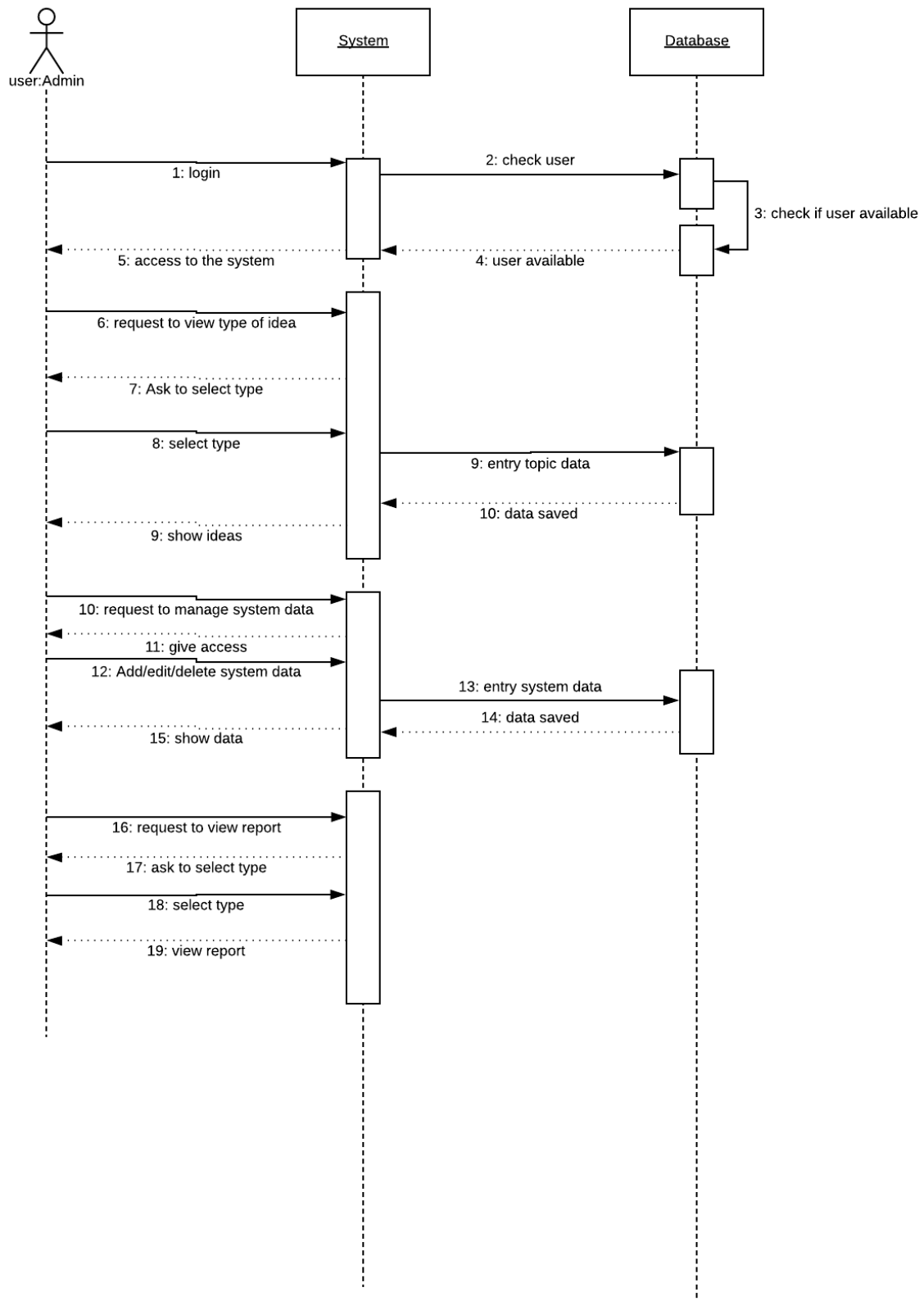


Figure: Admin Sequence diagram

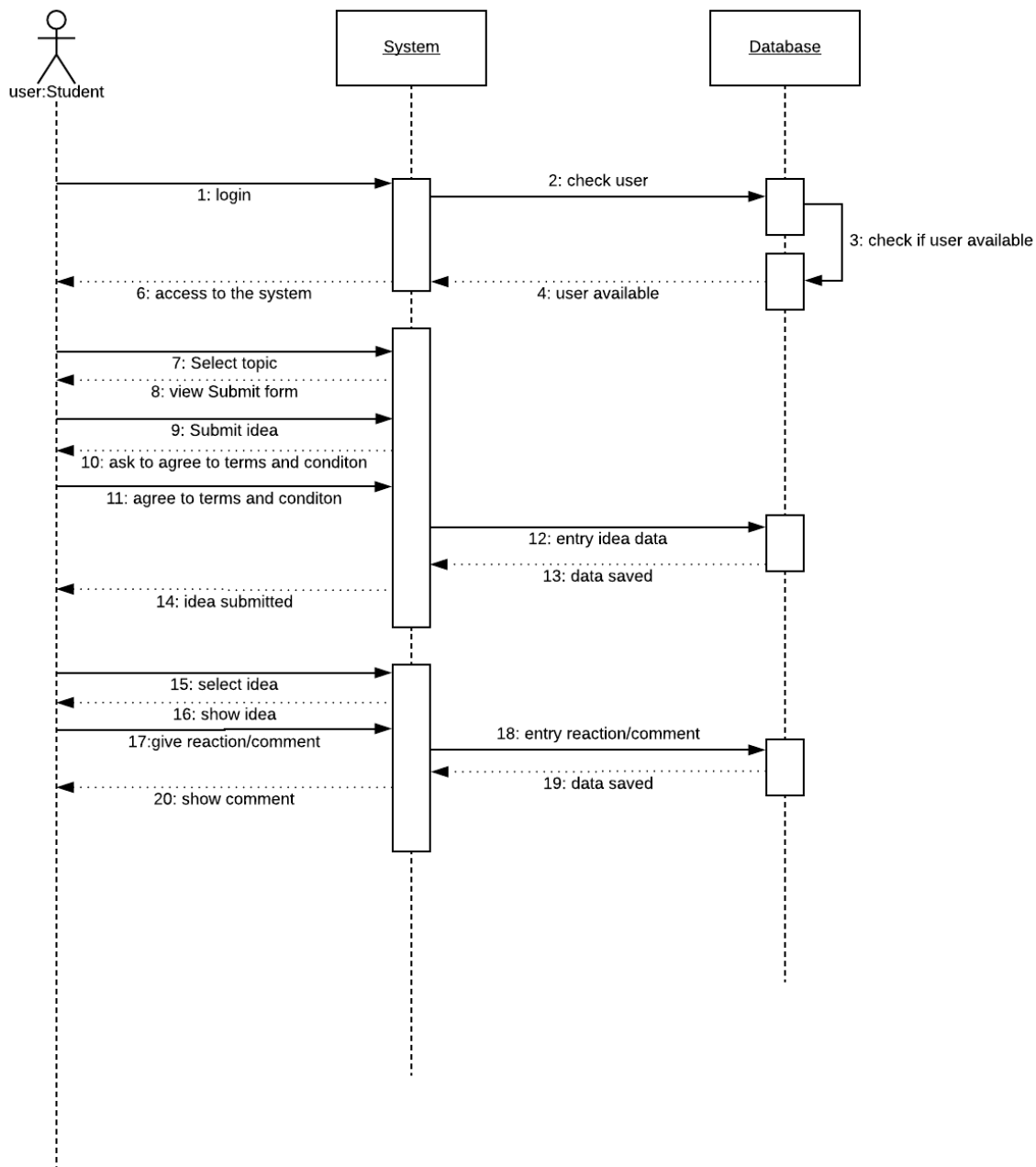


Figure: Student Sequence diagram

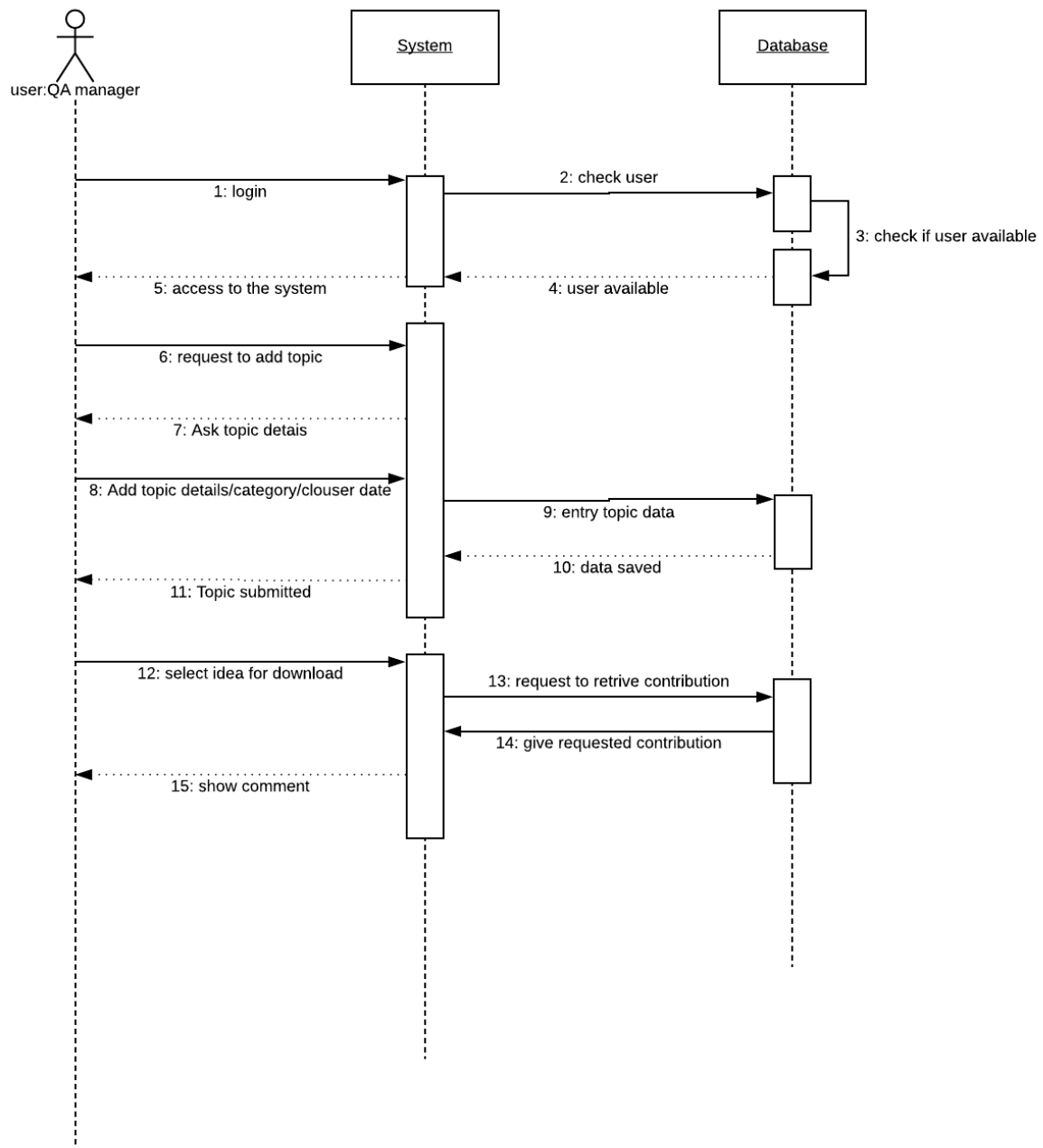


Figure: QA Manager Sequence diagram