

Assignment 1

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School Blogging Platform Documentation

The following table contains the following:

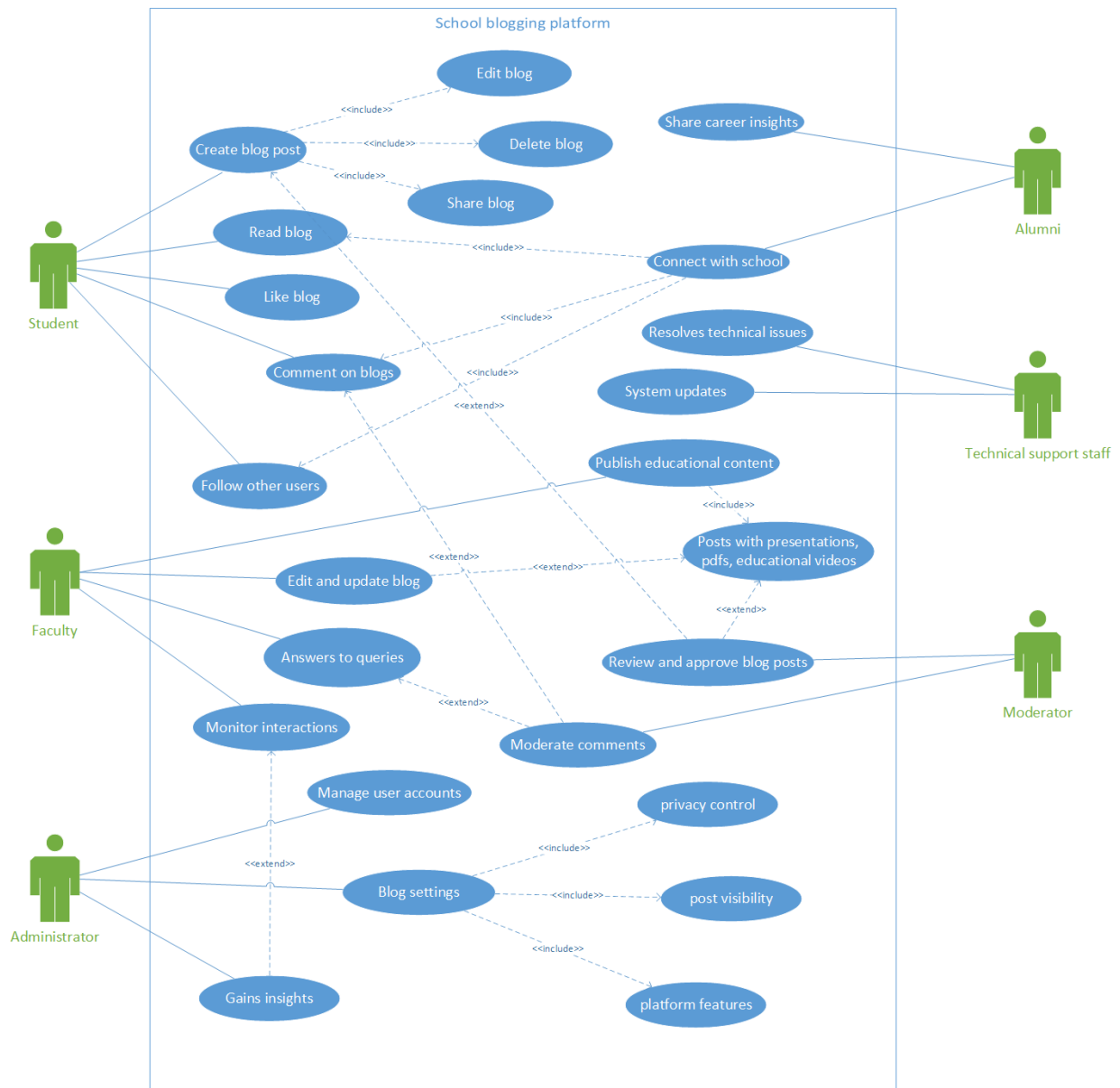
1. List of Actors
2. Use Cases

List of Actors	Use Cases
Student	<ol style="list-style-type: none">1. Create blog posts.<ol style="list-style-type: none">a. Edit blog posts.b. Delete blog posts.c. Share blog posts.2. Reads other blog posts3. Like the posts.4. Comments on the blogs to contribute to the discussions.5. Follow other users to receive the latest updates.
Faculty	<ol style="list-style-type: none">1. Publishes educational content by writing blogs.<ol style="list-style-type: none">a. Post with presentations, PDFs, Educational videos.2. Edit and update the existing blogs for most accurate information.3. Answers to student queries in comments for clarification.4. Analyze and monitor student interactions for future content planning.

Administrator	<ol style="list-style-type: none"> 1. Manage users' accounts, roles and access rights based on the roles. 2. Monitor analytics to gain insights into platform usage and engagement. 3. Manage blog settings: <ol style="list-style-type: none"> a. Privacy control b. Post Visibility settings c. Platform features 4. Implement platform enhancements based on user feedback
Technical Support Staff	<ol style="list-style-type: none"> 1. Resolve technical issues 2. Implement system updates
Moderator	<ol style="list-style-type: none"> 1. Remove inappropriate content by reviewing and approve blog posts. 2. Moderate comments to maintain respectful discussion environment.
Alumni	<ol style="list-style-type: none"> 1. Connect with the school: <ol style="list-style-type: none"> a. Reading the blog b. Commenting on the posts c. Following teachers and students 2. Share career insights and networking opportunities to current students.

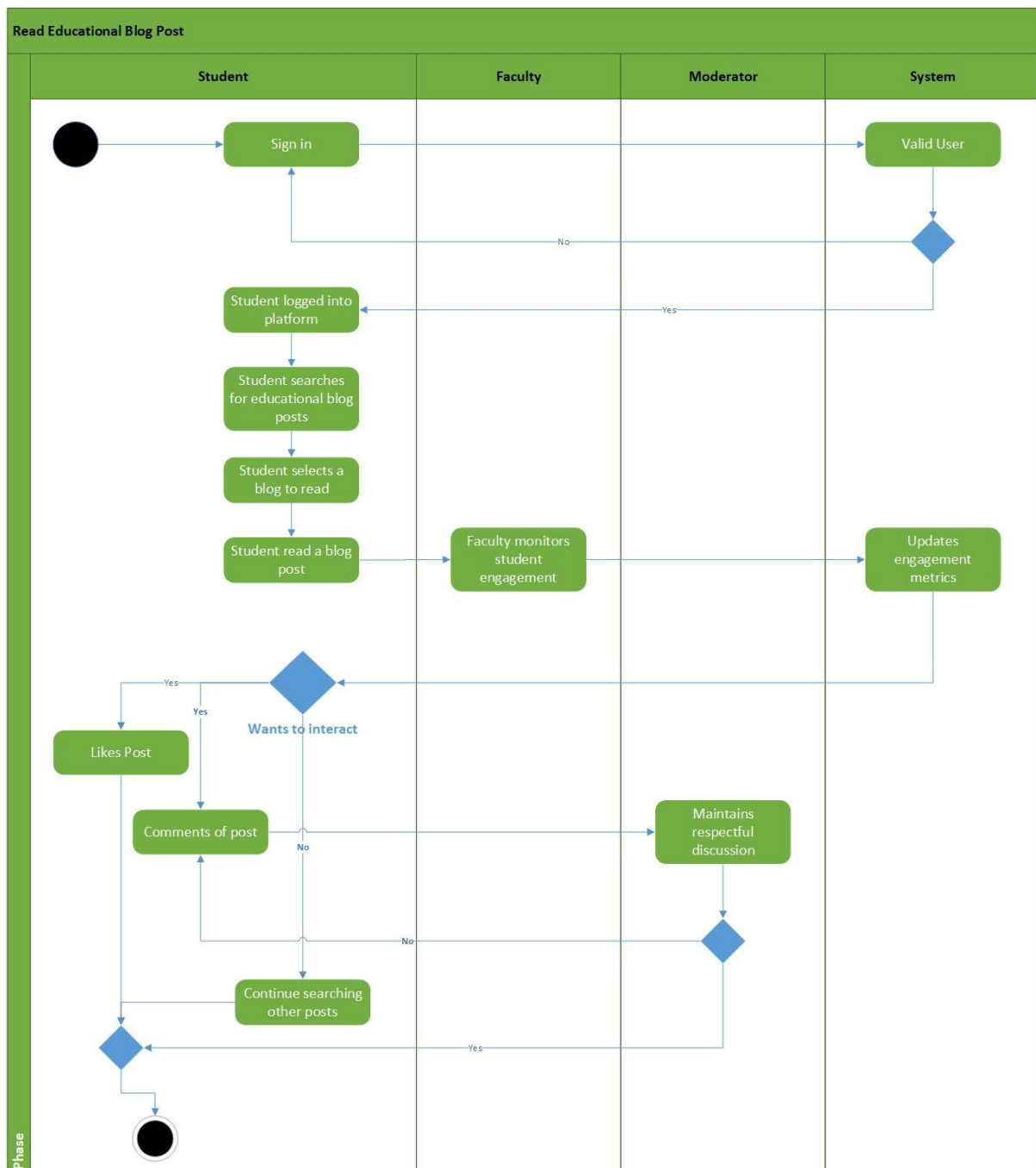
3. UML Use-Case Diagram

- A comprehensive diagram that illustrates the interactions between the actors (Students, Faculty, Administrators, Technical Support Staff, Moderator, Alumni) and the system (School Blogging Platform), showcasing the use cases for each actor.

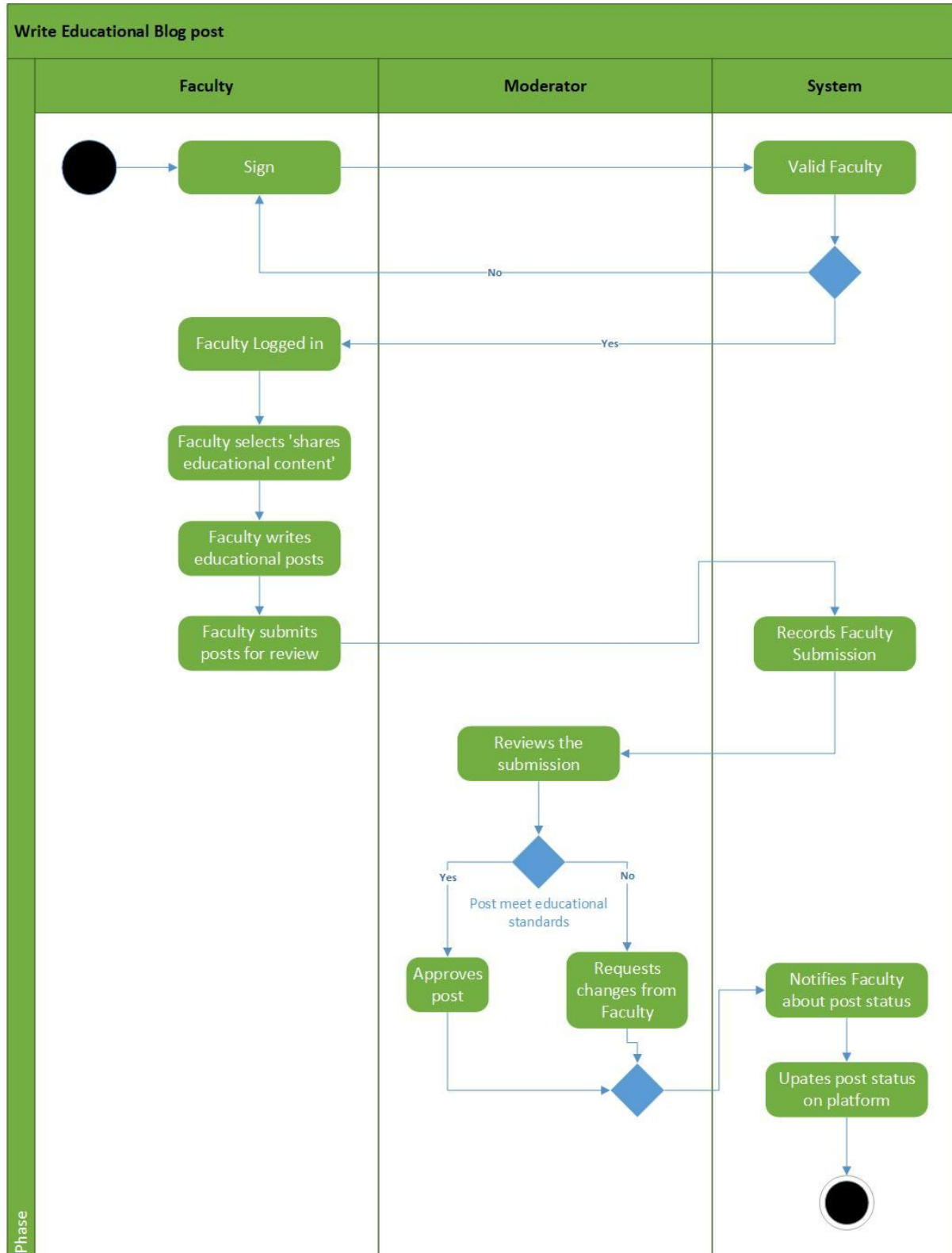


4. UML Activity Diagrams for 3 Use-Cases/User-Stories

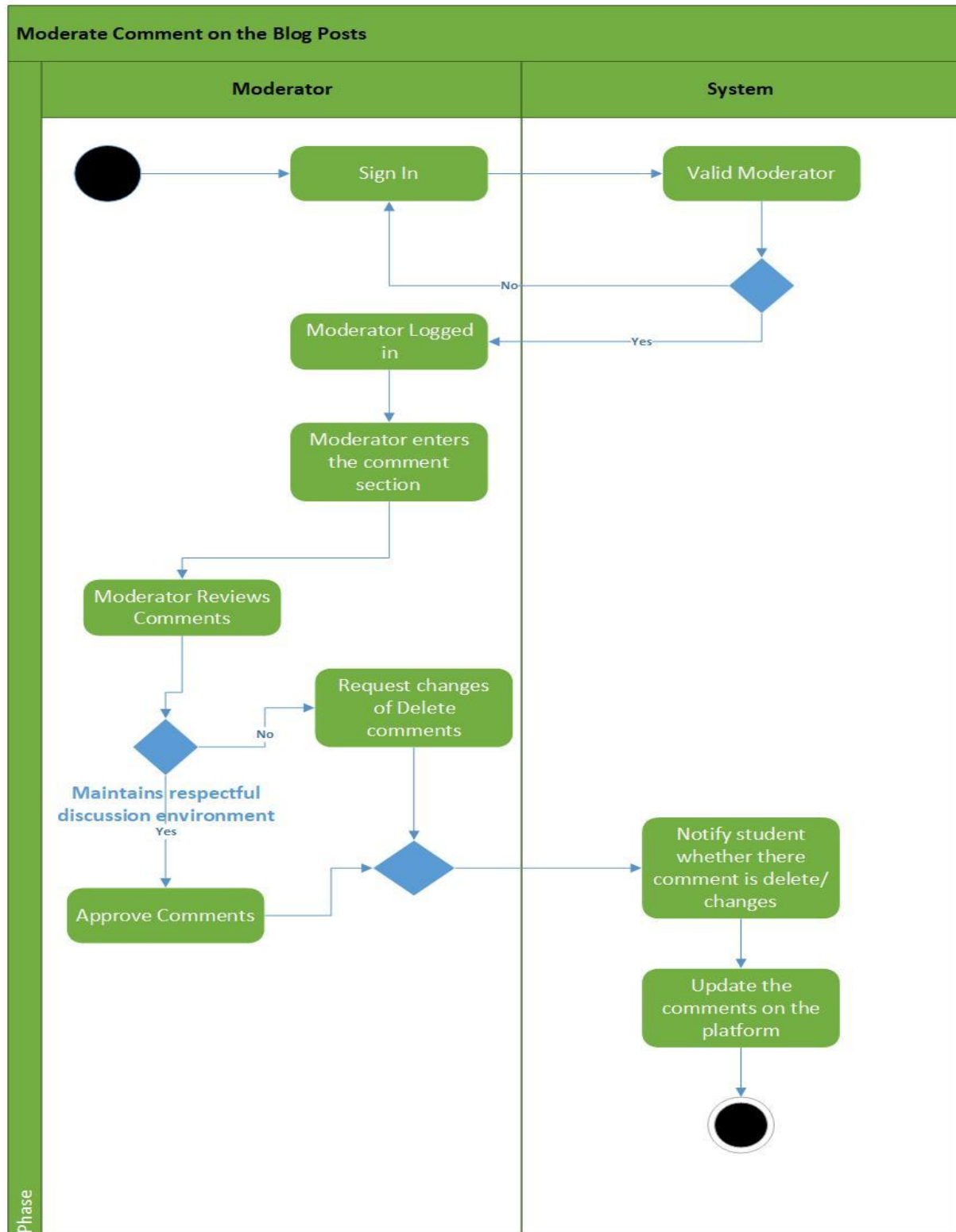
- a. **Student (Read Educational Blog Post):** Shows the student's process from accessing the platform to interacting with educational content.



- b. **Faculty (Write Educational Blog Post):** Outlines the process of creating and submitting an educational blog post for review and publication.



- c. **Moderator (Moderate Comments on Blog Post):** Details the review and notify student if their comments does not meet with the community standards and disturbs respectful discussion environment.



5. Document One of the Use-Cases in Fully Dressed Format.

Use Case Section	Comments	
Use Case name	Write Educational Blog Post	
Scope	Blogging Platform for School	
Level	User Goal	
Primary Actor	Faculty	
Stakeholders and interests	<ol style="list-style-type: none"> 1. Faculty <ul style="list-style-type: none"> • Wants to share knowledge with students and peers. 2. Students <ul style="list-style-type: none"> • Want access to educational content. 3. Administrators <ul style="list-style-type: none"> • Want to ensure quality and compliance. 4. Moderators <ul style="list-style-type: none"> • Review and approve content if necessary. 	
Preconditions	<ol style="list-style-type: none"> 1. The faculty member must have a registered account. 2. The faculty must be logged in. 3. The blog post is published or sent back for revision. 	
Success Guarantee	<ol style="list-style-type: none"> 1. The blog post is successfully published. 2. Post is visible to students and other permitted users. 	
Flow of Events	Faculty	System
	1. Logs into the blogging platform.	1. Authenticates credentials and grants access.
	2. Navigates to the "Create Blog Post" section.	2. Displays the blog post editor.
	3. Writes blog content with media files (images, videos, PDFs, links).	3. Validates and stores uploaded files.
	4. Clicks "Submit for Publication."	4. Checks if moderation is required.

	5. If moderation is required, the post is sent for review.	5. Notifies the moderator and updates the post status.
	6. If no moderation is required, the post is published immediately.	6. Displays a success message and makes the post visible.
	7. Receives notification of post status.	7. Sends notification to faculty confirming publication or changes required.
Special Requirements	The platform should support rich text editing and media uploads.	
Frequency of Occurrence	Faculty may post educational content multiple times a week or based on the academic calendar.	
Miscellaneous	<ol style="list-style-type: none"> 1. Faculty credentials are incorrect which denies access. 2. Post contains prohibited content which f lags the post and sends it for moderation. 	

6. Save the screenshots for the Diagrams in the PDF report document that you are submitting:

