## UML Diagrams

### UML Use Case Diagram



### UML Activity Diagrams



### UML Sequence Diagram



### UML Class Diagram



## Technical Requirements

Users must have a computer or mobile device in order to access the system. These devices must have access to the internet and web applications. Furthermore, data can be downloaded by instructors while connected to the internet for offline access to materials. The system will need to be cloud based so that all data can be uploaded and downloaded from the cloud data centers with security. Using a cloud based system will allow the instructors to access the data they need while offline while also be able to make updates and downloads to and from the cloud while online. Since this system will be run as a cloud application, the company will need to purchase cloud space from a cloud service provider like AWS or Azure. The system must use REST API so that it can be used on multiple platforms. The system will also use SSL to ensure security. Finally, in order to access the system, users must have an account created by an employee.