

# Developer Documentation

## Packages

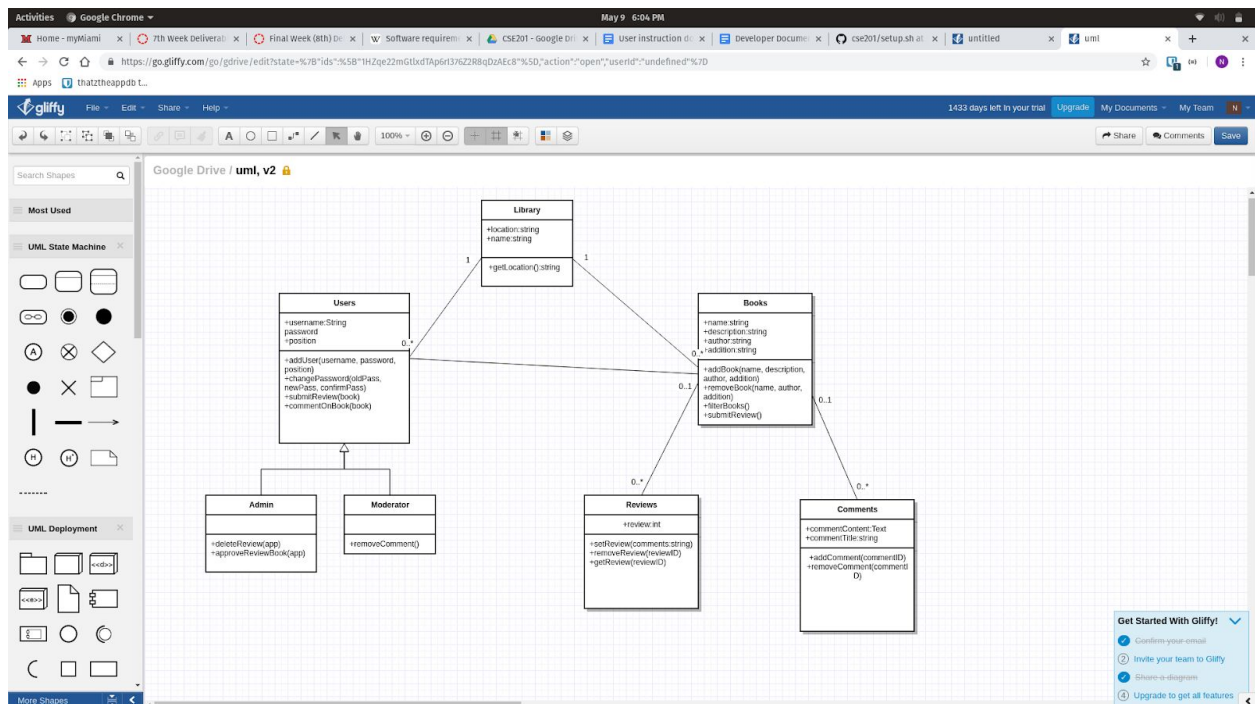
- Php 7.2
- Php7.2-mysql
- Apache2
- Libapache2-mod-php7.2
- Mariadb-server

## Setup

To setup the code and all dependencies you can run the setup script that is included with the project you can find it [here](#). To install all dependencies you will need root permissions. The setup script will not only setup the required packages and web-server but will additionally pre populate the database with some data.

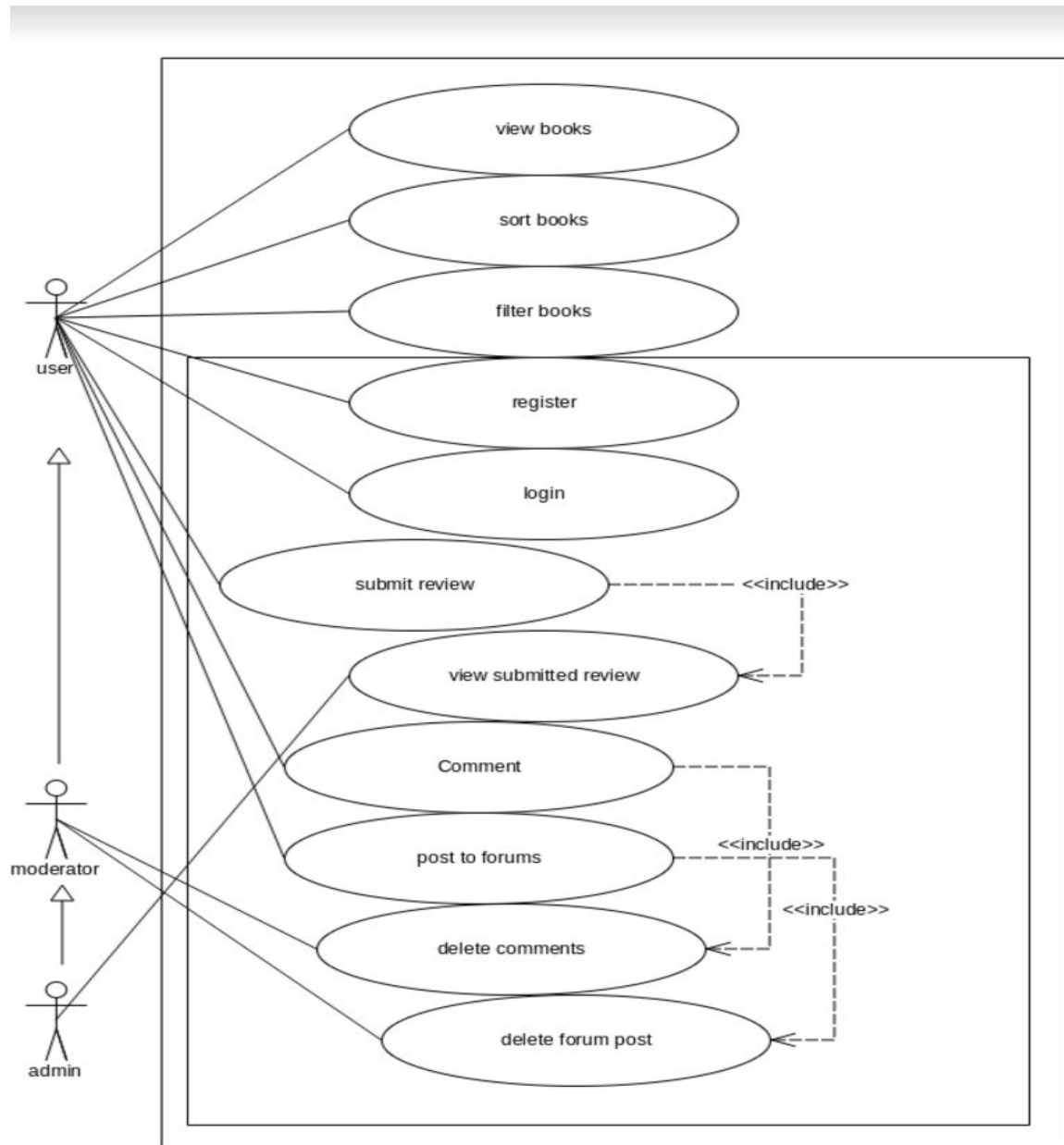
## UML Class Diagram

The developer should follow the UML Class diagram below

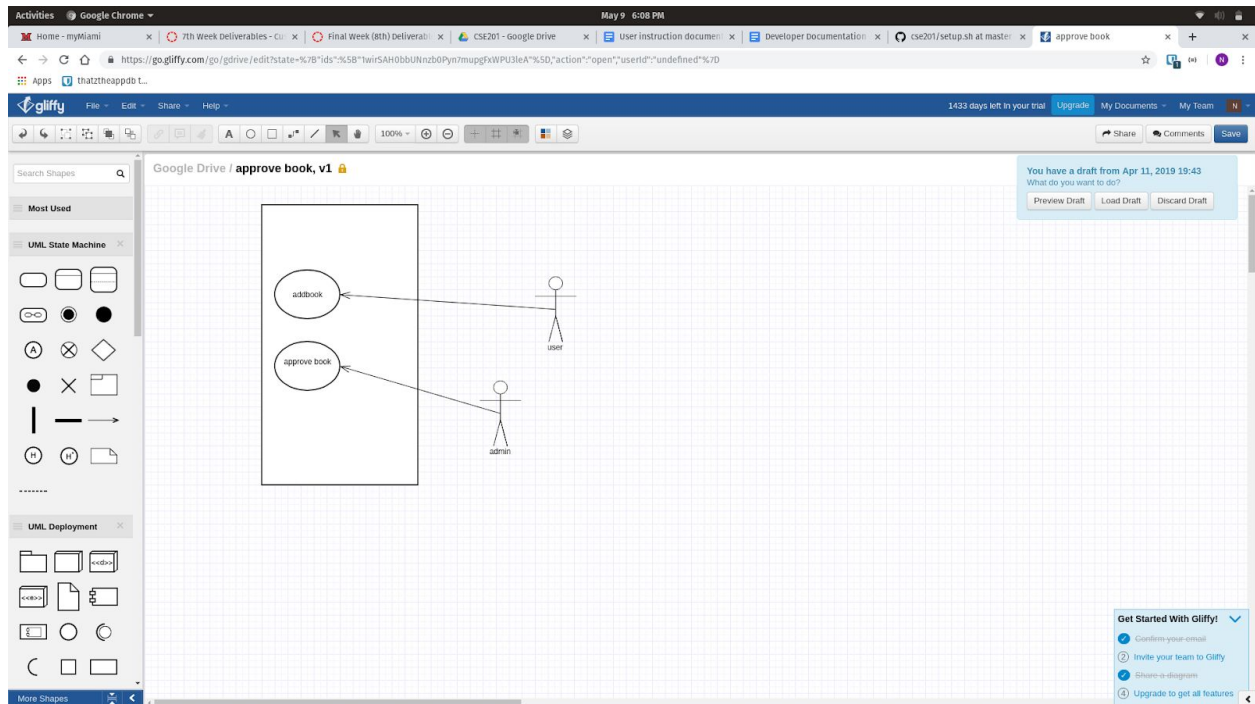


## Use Case Diagram

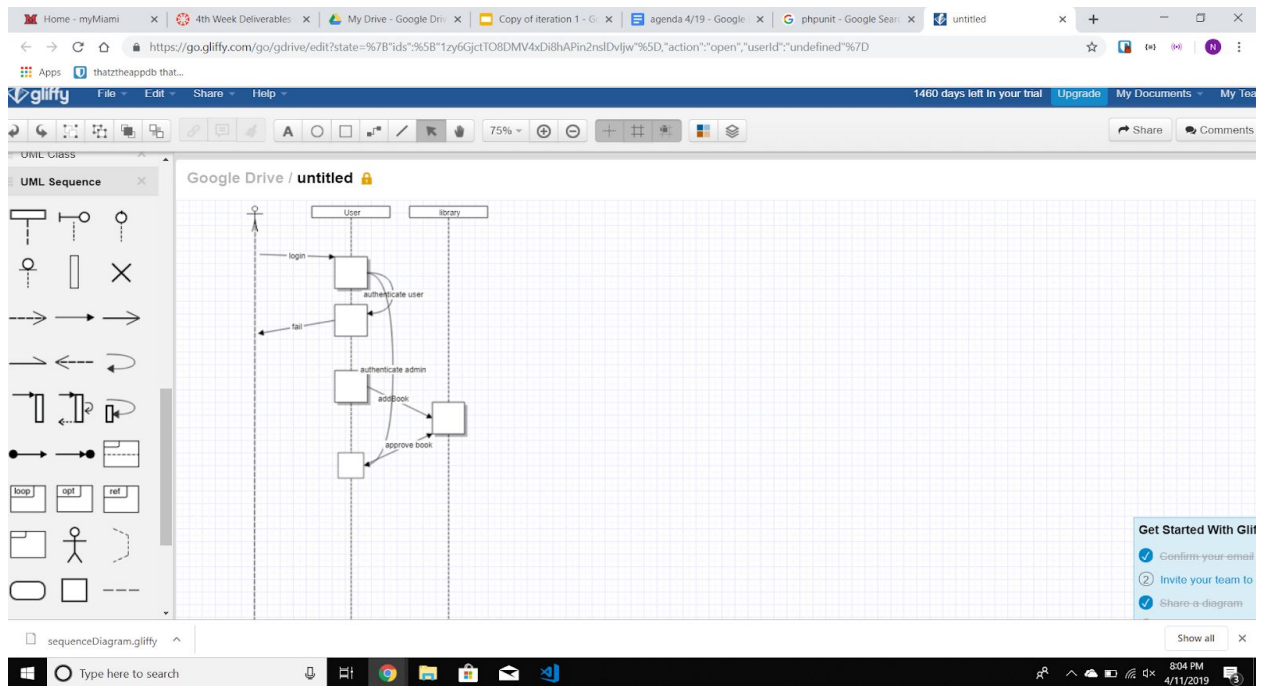
Below is the Use Case Diagram for Thatzthebook



## Add Book Use Case Diagram



## Sequence Diagram



# Version Control-- Miami University's GitLab

The screenshot displays the GitLab web interface for the 'cse201' project. The left sidebar shows the navigation menu with options like Project, Repository, Files, Commits, Branches (selected), Tags, Contributors, Graph, Compare, Charts, Issues, Merge Requests, CI / CD, and Operations. The main content area is titled 'Branches' and includes tabs for Overview, Active, Stale, and All. A search bar and buttons for 'Delete merged branches' and 'New branch' are at the top right. The 'Active branches' section lists several branches with their commit hashes, descriptions, and progress bars. The 'master' branch is marked as 'default' and 'protected'. The 'filter' branch is marked as 'merged'. The 'adminlogin' branch is also marked as 'merged'. The bottom of the screen shows a Windows taskbar with various application icons and the system clock indicating 7:32 PM on 4/18/2019.

Branch	Commit Hash	Description	Progress	Buttons
master	1a1011d3	fixed logout found bug in edit libraryAddress - 30 minutes ago	6   1	Merge request, Compare, [icon]
adminPrivileges	01dc88ee	changed the search autocomplete function to use div's - 2 days ago	9   0	Merge request, Compare, [icon]
filter	39be6ecf	search changed to have drop down and have button icon for submitting - 3 days ago	12   1	Merge request, Compare, [icon]
capreja	0e25a888	sdf - 1 week ago	13   0	Merge request, Compare, [icon]
adminlogin	eea3ccf1	changes - 1 week ago		Merge request, Compare, [icon]